



Corporate Accreditation No 63
Accredited for compliance with ISO/IEC 17025 - Testing



Analytical Report 311527

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Sydney Water Approved Signatory

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Where a result is required to meet a compliance limit or specification the associated uncertainty must be considered. Uncertainty estimates are available for all accredited test results.

SAMPLE SUMMARY

<u>Client Sample ID</u>	<u>Sample Number</u>	<u>Sampling Procedure</u>	<u>Date Sampled</u>	<u>Date Received</u>	<u>Date Authorised</u>	<u>Description</u>
M241489/1	L24072292	1	21/08/2024	23/08/2024	03/09/2024	MB:02 (EW)
M241489/2	L24072293	1	21/08/2024	23/08/2024	03/09/2024	MB:03 (EW)
M241489/3	L24072294	1	21/08/2024	23/08/2024	03/09/2024	MB:04 (EW)
M241489/4	L24072295	1	21/08/2024	23/08/2024	06/09/2024	MB:05 (EW)
M241489/5	L24072296	1	21/08/2024	23/08/2024	03/09/2024	MB:06 (EW)
M241489/6	L24072297	1	21/08/2024	23/08/2024	03/09/2024	BUNCKE (EW)
M241489/7	L24072298	1	21/08/2024	23/08/2024	03/09/2024	BUNCKW (EW)
M241489/8	L24072299	1	21/08/2024	23/08/2024	03/09/2024	SURFACE H2O (EW)

Sampling procedures

- 1 Samples analysed as received.
- 2 Samples collected as per FS procedures SAWI 070, Excluding Oil & Grease which is collected as per clients instructions.
- 3 Samples collected as per FS procedures SAWI 070.
- 4 Results reported as received from WNSW.

ANALYTICAL RESULTS

Client Sample ID		M241489/1	M241489/2	M241489/3	M241489/4	M241489/5	M241489/6	M241489/7	M241489/8
Sampled Date		21/08/2024 08:48:00 AM	21/08/2024 09:50:00 AM	21/08/2024 08:05:00 AM	21/08/2024 10:15:00 AM	21/08/2024 09:25:00 AM	21/08/2024 10:55:00 AM	21/08/2024 07:40:00 AM	21/08/2024 10:30:00 AM
Sample Number		L24072292	L24072293	L24072294	L24072295	L24072296	L24072297	L24072298	L24072299
CHEMISTRY									
WC26NS : Oil & Grease									
Pet H/C	mg/L	<10	<10	<10	<10	<10	<10	<10	<10
Date of Performance	DD/MM/YY	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24
EXTERNAL TESTING									
XAL_PHNT : Total Phenolics analysed by ALS									
Courier*	N/A	ATC	ATC	ATC	ATC	ATC	ATC	ATC	ATC
Total Phenolics	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
XEN_CR6 : Hexavalent Chromium by Envirolab									
Hexavalent Chromium	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
METALS									
TM01TU : Mercury by CV-AFS									
Total Mercury	ug/L	<0.01	<0.01	0.01	-	<0.01	<0.01	0.01	0.01

* Indicates NATA accreditation does not cover the performance of this service

"-" = Not required or refer to Laboratory comment

Client Sample ID	M241489/1	M241489/2	M241489/3	M241489/4	M241489/5	M241489/6	M241489/7	M241489/8
Sampled Date	21/08/2024 08:48:00 AM	21/08/2024 09:50:00 AM	21/08/2024 08:05:00 AM	21/08/2024 10:15:00 AM	21/08/2024 09:25:00 AM	21/08/2024 10:55:00 AM	21/08/2024 07:40:00 AM	21/08/2024 10:30:00 AM
Sample Number	L24072292	L24072293	L24072294	L24072295	L24072296	L24072297	L24072298	L24072299

METALS

TM01TU : Mercury by CV-AFS(Continued)

Total Mercury	ug/L	-	-	-	2.90	-	-	-	-
Date of Performance	DD/MM/YY	02/09/24	02/09/24	02/09/24	02/09/24	02/09/24	02/09/24	02/09/24	02/09/24

TMWATERDT : Single digestion for Metals

Total Digestion	DONE	Done	Done	Done	Done	Done	Done	Done	Done
Date of Performance	DD/MM/YY	02/09/24	02/09/24	02/09/24	02/09/24	02/09/24	02/09/24	02/09/24	02/09/24

ORGANICS

TC001WLL : Organochlorine Pesticides

Hexachlorobenzene	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
alpha-BHC	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Lindane (gamma-BHC)	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Heptachlor	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aldrin	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

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Sample Number	L24072292	L24072293	L24072294	L24072295	L24072296	L24072297	L24072298	L24072299

ORGANICS

TC001WLL : Organochlorine Pesticides(Continued)

beta-BHC	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
delta-BHC	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Heptachlor Epoxide	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
alpha-Endosulfan	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
gamma-Chlordane	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
alpha-Chlordane	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4,4-DDE	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dieldrin	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Endrin	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4,4-DDD	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
beta-Endosulfan	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4,4-DDT	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

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Sample Number		L24072292	L24072293	L24072294	L24072295	L24072296	L24072297	L24072298	L24072299
ORGANICS									
TC001WLL : Organochlorine Pesticides(Continued)									
Methoxychlor	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Endosulfan Sulphate	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total Chlordane	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
OC surrogate*	% Recovery	103	97	76	81	85	82	92	92
Aldrin + Dieldrin*	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Endrin aldehyde*	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Endrin ketone*	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total Tested DDT*	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Date of Performance	DD/MM/YY	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24
TC003WLL : Polychlorinated Biphenyls (PCBs)									
PCB TOTAL	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
PCB surrogate*	% Recovery	90	90	97	81	86	82	92	92

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Sample Number		L24072292	L24072293	L24072294	L24072295	L24072296	L24072297	L24072298	L24072299
ORGANICS									
Date of Performance	DD/MM/YY	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24
TC004WLL : Polynuclear Aromatic Hydrocarbons									
Naphthalene	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenanthrene	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)anthracene	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)fluoranthene	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k)fluoranthene	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(e)pyrene	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

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Sample Number	L24072292	L24072293	L24072294	L24072295	L24072296	L24072297	L24072298	L24072299

ORGANICS

TC004WLL : Polynuclear Aromatic Hydrocarbons(Continued)

Benzo(a)pyrene	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-cd)pyrene	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzo(a,h)anthracene	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(ghi)perylene	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Detectable TDDPAH	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
PAH surrogate*	% Recovery	101	93	91	93	94	75	77	81
Benzo(a)pyrene TEQ	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Perylene	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Date of Performance	DD/MM/YY	27/08/24	27/08/24	27/08/24	27/08/24	27/08/24	27/08/24	27/08/24	27/08/24

TC0056GW : Multi-Residue Pesticide Analysis by UPLCMSMS

Dichlorvos	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
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ORGANICS

TC0056GW : Multi-Residue Pesticide Analysis by UPLCMSMS(Continued)

Mevinphos	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethoprop	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Demeton-S-Methyl	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Diazinon	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fonofos	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Isazophos	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dimethoate	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methyl chlorpyrifos	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethyl chlorpyrifos	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Malathion	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fenthion	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fenitrothion	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

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ORGANICS

TC0056GW : Multi-Residue Pesticide Analysis by UPLCMSMS(Continued)

Parathion	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Phospholan	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fensulfothion	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
E.P.N	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Methyl azinphos	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethyl azinphos	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
metsulfuron-methyl	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Molinate	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Atrazine	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorfenvinphos	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pirimiphos methyl	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Propiconazole	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

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ORGANICS

TC0056GW : Multi-Residue Pesticide Analysis by UPLCMSMS(Continued)

Simazine	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromophos ethyl	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Coumaphos	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethion	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fenamiphos	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Monocrotophos	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Parathion Methyl	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Prothiofos	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Sulfotep	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pirimiphos Ethyl	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Tetrachlorvinphos	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Propazine	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

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Client Sample ID	M241489/1	M241489/2	M241489/3	M241489/4	M241489/5	M241489/6	M241489/7	M241489/8
Sampled Date	21/08/2024 08:48:00 AM	21/08/2024 09:50:00 AM	21/08/2024 08:05:00 AM	21/08/2024 10:15:00 AM	21/08/2024 09:25:00 AM	21/08/2024 10:55:00 AM	21/08/2024 07:40:00 AM	21/08/2024 10:30:00 AM
Sample Number	L24072292	L24072293	L24072294	L24072295	L24072296	L24072297	L24072298	L24072299

ORGANICS

TC0056GW : Multi-Residue Pesticide Analysis by UPLCMSMS(Continued)

Trithion	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Diuron	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Hexazinone	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Temephos	ug/L	<1	<1	<1	<1	<1	<1	<1	<1
Carbaryl	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Disulfoton	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phorate	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acephate	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aldicarb	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
OP surrogate*	% Recovery	106.0	107.8	108.7	108.3	110.0	107.2	94.3	89.6
Carbofuran	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methomyl	ug/L	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025

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Client Sample ID		M241489/1	M241489/2	M241489/3	M241489/4	M241489/5	M241489/6	M241489/7	M241489/8
Sampled Date		21/08/2024 08:48:00 AM	21/08/2024 09:50:00 AM	21/08/2024 08:05:00 AM	21/08/2024 10:15:00 AM	21/08/2024 09:25:00 AM	21/08/2024 10:55:00 AM	21/08/2024 07:40:00 AM	21/08/2024 10:30:00 AM
Sample Number		L24072292	L24072293	L24072294	L24072295	L24072296	L24072297	L24072298	L24072299
ORGANICS									
TC0056GW : Multi-Residue Pesticide Analysis by UPLCMSMS(Continued)									
organophosphate pesticides(Total)	ug/L	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Date of Performance	DD/MM/YY	27/08/24	27/08/24	27/08/24	27/08/24	27/08/24	27/08/24	27/08/24	27/08/24
TC010304PW : Sample Prep for Organics analysis									
OC/PCB Preparation in Liquid Samples	N/A	Done	Done	Done	Done	Done	Done	Done	Done
PAH Preparation in Liquid Samples	N/A	Done	Done	Done	Done	Done	Done	Done	Done
Date of Performance	DD/MM/YY	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24
TC012WLL : Volatiles Organic Compounds									
Vinyl Chloride	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
1,1-Dichloroethene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Methylene Chloride	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
1,1-Dichloroethane	ug/L	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4

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Client Sample ID	M241489/1	M241489/2	M241489/3	M241489/4	M241489/5	M241489/6	M241489/7	M241489/8
Sampled Date	21/08/2024 08:48:00 AM	21/08/2024 09:50:00 AM	21/08/2024 08:05:00 AM	21/08/2024 10:15:00 AM	21/08/2024 09:25:00 AM	21/08/2024 10:55:00 AM	21/08/2024 07:40:00 AM	21/08/2024 10:30:00 AM
Sample Number	L24072292	L24072293	L24072294	L24072295	L24072296	L24072297	L24072298	L24072299

ORGANICS

TC012WLL : Volatiles Organic Compounds(Continued)

Chloroform	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Carbon Tetrachloride	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Benzene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
1,2-Dichloroethane	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Trichloroethene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
1,2-Dichloropropane	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Tetrachloroethene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Dibromochloromethane	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3

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Client Sample ID	M241489/1	M241489/2	M241489/3	M241489/4	M241489/5	M241489/6	M241489/7	M241489/8
Sampled Date	21/08/2024 08:48:00 AM	21/08/2024 09:50:00 AM	21/08/2024 08:05:00 AM	21/08/2024 10:15:00 AM	21/08/2024 09:25:00 AM	21/08/2024 10:55:00 AM	21/08/2024 07:40:00 AM	21/08/2024 10:30:00 AM
Sample Number	L24072292	L24072293	L24072294	L24072295	L24072296	L24072297	L24072298	L24072299

ORGANICS

TC012WLL : Volatiles Organic Compounds(Continued)

1,1,1,2-Tetrachloroethane	ug/L	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Ethyl benzene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
(m+p)-Xylenes	ug/L	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
o-Xylene	ug/L	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Styrene	ug/L	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Bromoform	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	ug/L	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
m-Dichlorobenzene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
p-Dichlorobenzene	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
o-Dichlorobenzene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
cis 1,2 Dichloroethene	ug/L	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4

* Indicates NATA accreditation does not cover the performance of this service

Client Sample ID	M241489/1	M241489/2	M241489/3	M241489/4	M241489/5	M241489/6	M241489/7	M241489/8
Sampled Date	21/08/2024 08:48:00 AM	21/08/2024 09:50:00 AM	21/08/2024 08:05:00 AM	21/08/2024 10:15:00 AM	21/08/2024 09:25:00 AM	21/08/2024 10:55:00 AM	21/08/2024 07:40:00 AM	21/08/2024 10:30:00 AM
Sample Number	L24072292	L24072293	L24072294	L24072295	L24072296	L24072297	L24072298	L24072299

ORGANICS

TC012WLL : Volatiles Organic Compounds(Continued)

trans 1,2 Dichloroethene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Total 1,2-Dicloroethene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
1,2,3-Trichlorobenzene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Volatiles surrogate*	% Recovery	110	120	98	120	99	94	94	92
1,2,4-trimethylbenzene	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene	ug/L	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
2-Chlorotoluene	ug/L	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
4-Chlorotoluene	ug/L	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Bromobenzene	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Hexachlorobutadiene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
isopropylbenzene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
n-Butylbenzene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3

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Client Sample ID	M241489/1	M241489/2	M241489/3	M241489/4	M241489/5	M241489/6	M241489/7	M241489/8
Sampled Date	21/08/2024 08:48:00 AM	21/08/2024 09:50:00 AM	21/08/2024 08:05:00 AM	21/08/2024 10:15:00 AM	21/08/2024 09:25:00 AM	21/08/2024 10:55:00 AM	21/08/2024 07:40:00 AM	21/08/2024 10:30:00 AM
Sample Number	L24072292	L24072293	L24072294	L24072295	L24072296	L24072297	L24072298	L24072299

ORGANICS

TC012WLL : Volatiles Organic Compounds(Continued)

n-propylbenzene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
p-isopropyltoluene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
sec-Butylbenzene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
tert-butylbenzene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
1,1-Dichloropropane	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
1,2,3-Trichloropropane	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichloropropane	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bromochloromethane	ug/L	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Bromomethane	ug/L	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Chloroethane	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Chloromethane	ug/L	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Dibromomethane	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3

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Client Sample ID	M241489/1	M241489/2	M241489/3	M241489/4	M241489/5	M241489/6	M241489/7	M241489/8
Sampled Date	21/08/2024 08:48:00 AM	21/08/2024 09:50:00 AM	21/08/2024 08:05:00 AM	21/08/2024 10:15:00 AM	21/08/2024 09:25:00 AM	21/08/2024 10:55:00 AM	21/08/2024 07:40:00 AM	21/08/2024 10:30:00 AM
Sample Number	L24072292	L24072293	L24072294	L24072295	L24072296	L24072297	L24072298	L24072299

ORGANICS

TC012WLL : Volatiles Organic Compounds(Continued)

Naphthalene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Trichlorofluoromethane	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Dichlorodifluoromethane	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
1,2-Dibromo-3-chloropropane	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
2,2-Dichloropropane	ug/L	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,3-Dichloropropene	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-dibromoethane	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
1,3,5-trimethylbenzene	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
1,3,5-Trichlorobenzene*	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Total Trihalomethanes	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

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Client Sample ID		M241489/1	M241489/2	M241489/3	M241489/4	M241489/5	M241489/6	M241489/7	M241489/8
Sampled Date		21/08/2024 08:48:00 AM	21/08/2024 09:50:00 AM	21/08/2024 08:05:00 AM	21/08/2024 10:15:00 AM	21/08/2024 09:25:00 AM	21/08/2024 10:55:00 AM	21/08/2024 07:40:00 AM	21/08/2024 10:30:00 AM
Sample Number		L24072292	L24072293	L24072294	L24072295	L24072296	L24072297	L24072298	L24072299
ORGANICS									
TC012WLL : Volatiles Organic Compounds(Continued)									
Total tested Trichlorobenzenes*	ug/L	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Total tested Xylenes*	ug/L	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Date of Performance	DD/MM/YY	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24	28/08/24

COMMENTS

Sample ID	Comment Level	Method	Test	Comment
L24072292	Method	XAL_PHNT	-	Sample analysed by ALS WO #ES2427880
L24072293	Method	XAL_PHNT	-	Sample analysed by ALS WO #ES2427880
L24072294	Method	XAL_PHNT	-	Sample analysed by ALS WO #ES2427880
L24072295	Method	XAL_PHNT	-	Sample analysed by ALS WO #ES2427880
L24072296	Method	XAL_PHNT	-	Sample analysed by ALS WO #ES2427880
L24072297	Method	XAL_PHNT	-	Sample analysed by ALS WO #ES2427880
L24072298	Method	XAL_PHNT	-	Sample analysed by ALS WO #ES2427880
L24072299	Method	XAL_PHNT	-	Sample analysed by ALS WO #ES2427880
L24072292	Method	XEN_CR6	-	Sample analysed by Envirolab Ref 360078
L24072293	Method	XEN_CR6	-	Sample analysed by Envirolab Ref 360078
L24072294	Method	XEN_CR6	-	Sample analysed by Envirolab Ref 360078
L24072295	Method	XEN_CR6	-	Sample analysed by Envirolab Ref 360078
L24072296	Method	XEN_CR6	-	Sample analysed by Envirolab Ref 360078

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L24072297	Method	XEN_CR6	-	Sample analysed by Envirolab Ref 360078
L24072298	Method	XEN_CR6	-	Sample analysed by Envirolab Ref 360078
L24072299	Method	XEN_CR6	-	Sample analysed by Envirolab Ref 360078

Analysis

XEN_CR6
 XAL_PHNT

Analysis Requirements

NATA accreditation number 2901
 Analysed by ALS NATA Accreditation No.825

* Indicates NATA accreditation does not cover the performance of this service

LABORATORY QC RESULTS

N/A - Not Applicable

PQL - Practical Quantitation Limit

LOQ - Limit of Quantification

RPD - Relative Percent Difference

SPIKE/Positive Control - Addition of a known amount and concentration

Duplicate Precision = Accepted - Result 2 within 95% confidence limits of result 1

Duplicate Precision = Outlier - Result 2 outside 95% confidence limits of result 1

Duplicate Precision = Not calculated - Result is outside test range

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC001WLL 4,4-DDD						
<0.01 ug/L	<0.01	102 <i>70.0 - 130.0 ug/L</i>	E	<0.01	<0.01	B <i>0.0 - 0.0 %</i>
TC001WLL 4,4-DDE						
<0.01 ug/L	<0.01	93.0 <i>70.0 - 130.0 ug/L</i>	E	<0.01	<0.01	B <i>0.0 - 0.0 %</i>
TC001WLL 4,4-DDT						
<0.01 ug/L	<0.01	99.0 <i>70.0 - 130.0 ug/L</i>	61 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.01	<0.01	B <i>0.0 - 0.0 %</i>
TC001WLL Aldrin						
<0.01 ug/L	<0.01	98.0 <i>70.0 - 130.0 ug/L</i>	84 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.01	<0.01	B <i>0.0 - 0.0 %</i>
TC001WLL alpha-BHC						
<0.01 ug/L	<0.01	100 <i>70.0 - 130.0 ug/L</i>	E	<0.01	<0.01	B <i>0.0 - 0.0 %</i>
TC001WLL alpha-Chlordane						
<0.01 ug/L	<0.01	97.0 <i>70.0 - 130.0 ug/L</i>	E	<0.01	<0.01	B <i>0.0 - 0.0 %</i>

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC001WLL alpha-Endosulfan						
<0.01 ug/L	<0.01	94.0 <i>70.0 - 130.0 ug/L</i>	E	<0.01	<0.01	B <i>0.0 - 0.0 %</i>
TC001WLL beta-BHC						
<0.01 ug/L	<0.01	96.0 <i>70.0 - 130.0 ug/L</i>	E	<0.01	<0.01	B <i>0.0 - 0.0 %</i>
TC001WLL beta-Endosulfan						
<0.01 ug/L	<0.01	94.0 <i>70.0 - 130.0 ug/L</i>	E	<0.01	<0.01	B <i>0.0 - 0.0 %</i>
TC001WLL delta-BHC						
<0.01 ug/L	<0.01	103 <i>70.0 - 130.0 ug/L</i>	E	<0.01	<0.01	B <i>0.0 - 0.0 %</i>
TC001WLL Dieldrin						
<0.01 ug/L	<0.01	88.0 <i>70.0 - 130.0 ug/L</i>	72 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.01	<0.01	B <i>0.0 - 0.0 %</i>
TC001WLL Endosulfan Sulphate						
<0.01 ug/L	<0.01	95.0 <i>70.0 - 130.0 ug/L</i>	E	<0.01	<0.01	B <i>0.0 - 0.0 %</i>
TC001WLL Endrin						
<0.01 ug/L	<0.01	91.0 <i>70.0 - 130.0 ug/L</i>	57 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.01	<0.01	B <i>0.0 - 0.0 %</i>

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC001WLL gamma-Chlordane						
<0.01 ug/L	<0.01	95.0 <i>70.0 - 130.0 ug/L</i>	E	<0.01	<0.01	B <i>0.0 - 0.0 %</i>
TC001WLL Heptachlor						
<0.01 ug/L	<0.01	101 <i>70.0 - 130.0 ug/L</i>	72 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.01	<0.01	B <i>0.0 - 0.0 %</i>
TC001WLL Heptachlor Epoxide						
<0.01 ug/L	<0.01	100 <i>70.0 - 130.0 ug/L</i>	E	<0.01	<0.01	B <i>0.0 - 0.0 %</i>
TC001WLL Hexachlorobenzene						
<0.01 ug/L	<0.01	100 <i>70.0 - 130.0 ug/L</i>	E	<0.01	<0.01	B <i>0.0 - 0.0 %</i>
TC001WLL Lindane (gamma-BHC)						
<0.01 ug/L	<0.01	98.0 <i>70.0 - 130.0 ug/L</i>	81 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.01	<0.01	B <i>0.0 - 0.0 %</i>
TC001WLL Methoxychlor						
<0.01 ug/L	<0.01	96.0 <i>70.0 - 130.0 ug/L</i>	E	<0.01	<0.01	B <i>0.0 - 0.0 %</i>
TC003WLL PCB TOTAL						
<0.1 ug/L	<0.1	98.0 <i>70.0 - 130.0 ug/L</i>	98.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC004WLL Acenaphthene						
<0.1 ug/L	<0.1	97.0 <i>70.0 - 130.0 ug/L</i>	91.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC004WLL Acenaphthylene						
<0.1 ug/L	<0.1	96.0 <i>70.0 - 130.0 ug/L</i>	82.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC004WLL Anthracene						
<0.1 ug/L	<0.1	93.0 <i>70.0 - 130.0 ug/L</i>	85.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC004WLL Benzo(a)anthracene						
<0.1 ug/L	<0.1	104 <i>70.0 - 130.0 ug/L</i>	87.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC004WLL Benzo(a)pyrene						
<0.1 ug/L	<0.1	121 <i>70.0 - 130.0 ug/L</i>	81.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC004WLL Benzo(b)fluoranthene						
<0.1 ug/L	<0.1	82.0 <i>70.0 - 130.0 ug/L</i>	70.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC004WLL Benzo(e)pyrene						
<0.1 ug/L	<0.1		77.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC004WLL Benzo(ghi)perylene						
<0.1 ug/L	<0.1	90.0 <i>70.0 - 130.0 ug/L</i>	74.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC004WLL Benzo(k)fluoranthene						
<0.1 ug/L	<0.1	112 <i>70.0 - 130.0 ug/L</i>	77.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC004WLL Chrysene						
<0.1 ug/L	<0.1	95.0 <i>70.0 - 130.0 ug/L</i>	79.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC004WLL Dibenzo(a,h)anthracene						
<0.1 ug/L	<0.1	81.0 <i>70.0 - 130.0 ug/L</i>	84.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC004WLL Fluoranthene						
<0.1 ug/L	<0.1	108 <i>70.0 - 130.0 ug/L</i>	94.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC004WLL Fluorene						
<0.1 ug/L	<0.1	95.0 <i>70.0 - 130.0 ug/L</i>	90.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC004WLL Indeno(1,2,3-cd)pyrene						
<0.1 ug/L	<0.1	87.0 <i>70.0 - 130.0 ug/L</i>	94.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC004WLL Naphthalene						
<0.1 ug/L	<0.1	97.0 <i>70.0 - 130.0 ug/L</i>	88.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC004WLL Perylene						
<0.1 ug/L	<0.1		87.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC004WLL Phenanthrene						
<0.1 ug/L	<0.1	96.0 <i>70.0 - 130.0 ug/L</i>	93.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC004WLL Pyrene						
<0.1 ug/L	<0.1	106 <i>70.0 - 130.0 ug/L</i>	92.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC0056GW Acephate						
<0.5 ug/L	<0.5	118.0 <i>70.0 - 130.0 ug/L</i>	123.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.5	<0.5	B <i>0.0 - 0.0 %</i>
TC0056GW Aldicarb						
<0.1 ug/L	<0.1	115.0 <i>70.0 - 130.0 ug/L</i>	120.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC0056GW Atrazine						
<0.05 ug/L	<0.05	109.0 <i>70.0 - 130.0 ug/L</i>	107.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC0056GW Bromophos ethyl						
<0.05 ug/L	<0.05	129.0 <i>70.0 - 130.0 ug/L</i>	125.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Carbaryl						
<0.1 ug/L	<0.1	112.0 <i>70.0 - 130.0 ug/L</i>	115.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC0056GW Carbofuran						
<0.05 ug/L	<0.05	117.0 <i>70.0 - 130.0 ug/L</i>	120.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Chlorfenvinphos						
<0.05 ug/L	<0.05	110.0 <i>70.0 - 130.0 ug/L</i>	116.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Coumaphos						
<0.05 ug/L	<0.05	108.0 <i>70.0 - 130.0 ug/L</i>	106.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Demeton-S-Methyl						
<0.05 ug/L	<0.05	123.0 <i>70.0 - 130.0 ug/L</i>	125.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Diazinon						
<0.05 ug/L	<0.05	108.0 <i>70.0 - 130.0 ug/L</i>	114.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC0056GW Dichlorvos						
<0.05 ug/L	<0.05	98 <i>70.0 - 130.0 ug/L</i>	113 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Dimethoate						
<0.05 ug/L	<0.05	122.0 <i>70.0 - 130.0 ug/L</i>	122.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Disulfoton						
<0.1 ug/L	<0.1	123.0 <i>70.0 - 130.0 ug/L</i>	112.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC0056GW Diuron						
<0.5 ug/L	<0.5	114.0 <i>70.0 - 130.0 ug/L</i>	117.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.5	<0.5	B <i>0.0 - 0.0 %</i>
TC0056GW E.P.N						
<0.1 ug/L	<0.1	122.0 <i>70.0 - 130.0 ug/L</i>	117.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC0056GW Ethion						
<0.05 ug/L	<0.05	129.0 <i>70.0 - 130.0 ug/L</i>	123.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Ethoprop						
<0.05 ug/L	<0.05	104.0 <i>70.0 - 130.0 ug/L</i>	109.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC0056GW Ethyl azinphos						
<0.1 ug/L	<0.1	95.1 <i>70.0 - 130.0 ug/L</i>	99.3 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC0056GW Ethyl chlorpyrifos						
<0.05 ug/L	<0.05	121.0 <i>70.0 - 130.0 ug/L</i>	120.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Fenamiphos						
<0.05 ug/L	<0.05	129.0 <i>70.0 - 130.0 ug/L</i>	127.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Fenitrothion						
<0.1 ug/L	<0.1	128.0 <i>70.0 - 130.0 ug/L</i>	120.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC0056GW Fensulfothion						
<0.05 ug/L	<0.05	106.0 <i>70.0 - 130.0 ug/L</i>	117.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Fenthion						
<0.05 ug/L	<0.05	80.1 <i>70.0 - 130.0 ug/L</i>	93.8 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Fonofos						
<0.05 ug/L	<0.05	103.0 <i>70.0 - 130.0 ug/L</i>	107.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC0056GW Hexazinone						
<0.1 ug/L	<0.1	117.0 <i>70.0 - 130.0 ug/L</i>	120.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC0056GW Isazophos						
<0.05 ug/L	<0.05	106.0 <i>70.0 - 130.0 ug/L</i>	108.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Malathion						
<0.05 ug/L	<0.05	105.0 <i>70.0 - 130.0 ug/L</i>	105.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Methomyl						
<0.025 ug/L	<0.025	118.0 <i>70.0 - 130.0 ug/L</i>	120.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.025	<0.025	B <i>0.0 - 0.0 %</i>
TC0056GW Methyl azinphos						
<0.05 ug/L	<0.05	110.0 <i>70.0 - 130.0 ug/L</i>	108.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Methyl chlorpyrifos						
<0.05 ug/L	<0.05	114.0 <i>70.0 - 130.0 ug/L</i>	114.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW metsulfuron-methyl						
<0.1 ug/L	<0.1	101.0 <i>70.0 - 130.0 ug/L</i>	105.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC0056GW Mevinphos						
<0.05 ug/L	<0.05	71.6 <i>70.0 - 130.0 ug/L</i>	73.2 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Molinate						
<0.05 ug/L	<0.05	103.0 <i>70.0 - 130.0 ug/L</i>	105.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Monocrotophos						
<0.05 ug/L	<0.05	117.0 <i>70.0 - 130.0 ug/L</i>	117.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Parathion						
<0.05 ug/L	<0.05	110.0 <i>70.0 - 130.0 ug/L</i>	108.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Parathion Methyl						
<0.05 ug/L	<0.05	113.0 <i>70.0 - 130.0 ug/L</i>	124.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Phorate						
<0.1 ug/L	<0.1	79.3 <i>70.0 - 130.0 ug/L</i>	84.4 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC0056GW Phospholan						
<0.05 ug/L	<0.05	120.0 <i>70.0 - 130.0 ug/L</i>	126.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC0056GW Pirimiphos Ethyl						
<0.05 ug/L	<0.05	126.0 <i>70.0 - 130.0 ug/L</i>	122.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Pirimiphos methyl						
<0.05 ug/L	<0.05	115.0 <i>70.0 - 130.0 ug/L</i>	118.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Propazine						
<0.05 ug/L	<0.05	108.0 <i>70.0 - 130.0 ug/L</i>	106.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Propiconazole						
<0.05 ug/L	<0.05	104.0 <i>70.0 - 130.0 ug/L</i>	105.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Prothiofos						
<0.05 ug/L	<0.05	128.0 <i>70.0 - 130.0 ug/L</i>	119.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Simazine						
<0.05 ug/L	<0.05	100.0 <i>70.0 - 130.0 ug/L</i>	103.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Sulfotep						
<0.05 ug/L	<0.05	110.0 <i>70.0 - 130.0 ug/L</i>	112.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC0056GW Temephos						
<1 ug/L	<1	105.0 <i>70.0 - 130.0 ug/L</i>	117.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<1	<1	B <i>0.0 - 0.0 %</i>
TC0056GW Tetrachlorvinphos						
<0.05 ug/L	<0.05	121.0 <i>70.0 - 130.0 ug/L</i>	118.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
TC0056GW Trithion						
<0.1 ug/L	<0.1	116.0 <i>70.0 - 130.0 ug/L</i>	129.0 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.1	<0.1	B <i>0.0 - 0.0 %</i>
TC012WLL (m+p)-Xylenes						
<0.4 ug/L	<0.4	110 <i>70.0 - 130.0 ug/L</i>	103 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.4	<0.4	B <i>0.0 - 0.0 %</i>
TC012WLL 1,1,1,2-Tetrachloroethane						
<0.4 ug/L	<0.4		E	<0.4	<0.4	B <i>0.0 - 0.0 %</i>
TC012WLL 1,1,1-Trichloroethane						
<0.3 ug/L	<0.3		E	<0.3	<0.3	B <i>0.0 - 0.0 %</i>
TC012WLL 1,1,2,2-Tetrachloroethane						
<0.7 ug/L	<0.7		E	<0.7	<0.7	B <i>0.0 - 0.0 %</i>

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC012WLL 1,1,2-Trichloroethane						
<0.3 ug/L	<0.3		E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL 1,1-Dichloroethane						
<0.4 ug/L	<0.4		E	<0.4	<0.4	B 0.0 - 0.0 %
TC012WLL 1,1-Dichloroethene						
<0.3 ug/L	<0.3		E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL 1,1-Dichloropropane						
<0.3 ug/L	F	C	E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL 1,2,3-Trichlorobenzene						
<0.3 ug/L	<0.3		E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL 1,2,3-Trichloropropane						
<0.5 ug/L	F	C	E	<0.5	<0.5	B 0.0 - 0.0 %
TC012WLL 1,2,4-Trichlorobenzene						
<0.4 ug/L	<0.4		E	<0.4	<0.4	B 0.0 - 0.0 %

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC012WLL 1,2,4-trimethylbenzene						
<0.5 ug/L	F	C	E	<0.5	<0.5	B 0.0 - 0.0 %
TC012WLL 1,2-Dibromo-3-chloropropane						
<0.3 ug/L	F	C	E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL 1,2-dibromoethane						
<0.3 ug/L	F	C	E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL 1,2-Dichloroethane						
<0.3 ug/L	<0.3		E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL 1,2-Dichloropropane						
<0.5 ug/L	<0.5		E	<0.5	<0.5	B 0.0 - 0.0 %
TC012WLL 1,3,5-Trichlorobenzene						
<0.3 ug/L	F	C	E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL 1,3,5-trimethylbenzene						
<0.3 ug/L	F	C	E	<0.3	<0.3	B 0.0 - 0.0 %

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC012WLL 1,3-Dichloropropane						
<0.5 ug/L	F	C	E	<0.5	<0.5	B 0.0 - 0.0 %
TC012WLL 2,2-Dichloropropane						
<0.2 ug/L	F	C	E	<0.2	<0.2	B 0.0 - 0.0 %
TC012WLL 2-Chlorotoluene						
<0.4 ug/L	<0.4		E	<0.4	<0.4	B 0.0 - 0.0 %
TC012WLL 4-Chlorotoluene						
<0.4 ug/L	<0.4		E	<0.4	<0.4	B 0.0 - 0.0 %
TC012WLL Benzene						
<0.3 ug/L	<0.3	110 70.0 - 130.0 ug/L	107 % Recovery 50.0 - 130.0 % Recovery	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL Bromobenzene						
<0.5 ug/L	<0.5		E	<0.5	<0.5	B 0.0 - 0.0 %
TC012WLL Bromochloromethane						
<0.4 ug/L	F	C	E	<0.4	<0.4	B 0.0 - 0.0 %

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC012WLL Bromodichloromethane						
<0.5 ug/L	<0.5	99 <i>70.0 - 130.0 ug/L</i>	99 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.5	<0.5	B <i>0.0 - 0.0 %</i>
TC012WLL Bromoform						
<0.5 ug/L	<0.5	103 <i>70.0 - 130.0 ug/L</i>	104 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.5	<0.5	B <i>0.0 - 0.0 %</i>
TC012WLL Bromomethane						
<0.4 ug/L	F	C	E	<0.4	<0.4	B <i>0.0 - 0.0 %</i>
TC012WLL Carbon Tetrachloride						
<0.3 ug/L	<0.3		E	<0.3	<0.3	B <i>0.0 - 0.0 %</i>
TC012WLL Chlorobenzene						
<0.3 ug/L	<0.3	113 <i>70.0 - 130.0 ug/L</i>	107 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.3	<0.3	B <i>0.0 - 0.0 %</i>
TC012WLL Chloroethane						
<0.3 ug/L	F	C	E	<0.3	<0.3	B <i>0.0 - 0.0 %</i>
TC012WLL Chloroform						
<0.5 ug/L	<0.5	103 <i>70.0 - 130.0 ug/L</i>	102 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.5	<0.5	B <i>0.0 - 0.0 %</i>

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC012WLL Chloromethane						
<0.4 ug/L	F	C	E	<0.4	<0.4	B 0.0 - 0.0 %
TC012WLL cis 1,2 Dichloroethene						
<0.4 ug/L	<0.4		E	<0.4	<0.4	B 0.0 - 0.0 %
TC012WLL cis-1,3-Dichloropropene						
<0.5 ug/L	F	C	E	<0.5	<0.5	B 0.0 - 0.0 %
TC012WLL Dibromochloromethane						
<0.5 ug/L	<0.5	95 70.0 - 130.0 ug/L	94 % Recovery 50.0 - 130.0 % Recovery	<0.5	<0.5	B 0.0 - 0.0 %
TC012WLL Dichlorodifluoromethane						
<0.3 ug/L	F	C	E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL Ethyl benzene						
<0.3 ug/L	<0.3	118 70.0 - 130.0 ug/L	110 % Recovery 50.0 - 130.0 % Recovery	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL Hexachlorobutadiene						
<0.3 ug/L	F	C	E	<0.3	<0.3	B 0.0 - 0.0 %

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC012WLL isopropylbenzene						
<0.3 ug/L	F	C	E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL m-Dichlorobenzene						
<0.3 ug/L	<0.3	104 70.0 - 130.0 ug/L	98 % Recovery 50.0 - 130.0 % Recovery	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL Methylene Chloride						
<0.3 ug/L	<0.3		E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL Naphthalene						
<0.3 ug/L	F	C	E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL n-Butylbenzene						
<0.3 ug/L	<0.3		E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL n-propylbenzene						
<0.3 ug/L	F	C	E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL o-Dichlorobenzene						
<0.3 ug/L	<0.3	107 70.0 - 130.0 ug/L	106 % Recovery 50.0 - 130.0 % Recovery	<0.3	<0.3	B 0.0 - 0.0 %

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC012WLL o-Xylene						
<0.4 ug/L	<0.4	110 70.0 - 130.0 ug/L	105 % Recovery 50.0 - 130.0 % Recovery	<0.4	<0.4	B 0.0 - 0.0 %
TC012WLL p-Dichlorobenzene						
<0.5 ug/L	<0.5	96 70.0 - 130.0 ug/L	92 % Recovery 50.0 - 130.0 % Recovery	<0.5	<0.5	B 0.0 - 0.0 %
TC012WLL p-isopropyltoluene						
<0.3 ug/L	F	C	E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL sec-Butylbenzene						
<0.3 ug/L	<0.3		E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL Styrene						
<0.4 ug/L	<0.4	101 70.0 - 130.0 ug/L	94 % Recovery 50.0 - 130.0 % Recovery	<0.4	<0.4	B 0.0 - 0.0 %
TC012WLL tert-butylbenzene						
<0.3 ug/L	F	C	E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL Tetrachloroethene						
<0.3 ug/L	<0.3		E	<0.3	<0.3	B 0.0 - 0.0 %

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC012WLL Toluene						
<0.3 ug/L	<0.3	113 70.0 - 130.0 ug/L	106 % Recovery 50.0 - 130.0 % Recovery	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL Total 1,2-Dichloroethene						
<0.3 ug/L	F	C	E	<0.3	<0.3	B
TC012WLL Total tested Trichlorobenzenes						
<0.4 ug/L	F	C	E	<0.4	<0.4	B 0.0 - 0.0 %
TC012WLL Total tested Xylenes						
<0.4 ug/L	F	C	E	<0.4	<0.4	B 0.0 - 0.0 %
TC012WLL Total Trihalomethanes						
<0.5 ug/L	F	C	E	<0.5	<0.5	B 0.0 - 0.0 %
TC012WLL trans 1,2 Dichloroethene						
<0.3 ug/L	<0.3		E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL trans-1,3-Dichloropropene						
<0.5 ug/L	F	C	E	<0.5	<0.5	B 0.0 - 0.0 %

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC012WLL Trichloroethene						
<0.3 ug/L	<0.3		E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL Trichlorofluoromethane						
<0.3 ug/L	F	C	E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL Vinyl Chloride						
<0.3 ug/L	<0.3		E	<0.3	<0.3	B 0.0 - 0.0 %
TC012WLL Volatiles surrogate						
	F	C	E	94	94	0.00 % 0.0 - 30.0 %
TM01TU Total Mercury						
<0.01 ug/L	<0.01	4.8 4.0 - 6.0 ug/L	120 % Recovery 80.0 - 120.0 % Recovery	<0.01	<0.01	B
WC26NS Pet H/C						
<3 mg/L	F		E			T

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Extra Note:

- B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ
- E: Spike is not applicable for this analyte
- F: Blank is not applicable for this analyte
- C: Standard/Control is not applicable for this analyte
- T: Duplicate is not applicable for this analyte

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