Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
Data File : VW031634.D
Acq On : 29 Jan 2025 12:17
Operator : SY/MD
Sample : Q1190-18
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44X1

Quant Time: Jan 30 07:30:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jan 30 07:28:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	590332	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	511739	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	232070	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	152849	16.500	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.000%			
7) Chloroethane-d5	2.893	69	122941	18.584	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.320%			
11) 1,1-Dichloroethene-d2	4.015	65	79862	19.377	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.520%			
21) 2-Butanone-d5	7.087	46	97786	65.668	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.340%			
24) Chloroform-d	7.642	84	413703	27.079	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.320%			
26) 1,2-Dichloroethane-d4	8.300	65	197202	26.225	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.880%			
32) Benzene-d6	8.270	84	739364	23.001	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.000%			
36) 1,2-Dichloropropane-d6	9.270	67	230640	24.301	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.200%			
41) Toluene-d8	10.318	98	661449	22.795	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.160%			
43) trans-1,3-Dichloroprop...	10.574	79	97541	25.027	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.120%			
47) 2-Hexanone-d5	10.922	63	67176	69.358	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 138.720%#			
56) 1,1,2,2-Tetrachloroeth...	12.684	84	185432	31.949	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 127.800%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	204882	25.171	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.680%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.039	96	309769	39.434	ug/L	88
13) Acetone	4.143	43	149018	130.027	ug/L #	57
16) Methylene chloride	4.917	84	644775	80.198	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	248058	29.401	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	572120	42.288	ug/L	99
19) 1,1-Dichloroethane	6.215	63	1355416	85.389	ug/L	100
22) 2-Butanone	7.173	43	538205	274.971	ug/L	99
25) Chloroform	7.673	83	1338953	88.683	ug/L	95
31) Carbon tetrachloride	8.063	117	177754	15.092	ug/L	99
33) Benzene	8.319	78	2170726	61.979	ug/L	100
34) Trichloroethene	9.087	95	834658	88.640	ug/L	98
37) 1,2-Dichloropropane	9.361	63	323598	36.761	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	840509	60.697	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	711137	161.847	ug/L	99
44) trans-1,3-Dichloropropene	10.599	75	783263	70.764	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	296490	52.547	ug/L	98
50) 1,2-Dibromoethane	11.233	107	264860	50.648	ug/L	93
53) m,p-Xylene	11.830	106	742231	46.340	ug/L	94
54) o-Xylene	12.160	106	889818	59.778	ug/L	99

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) 1,1,2,2-Tetrachloroethane	12.708	83	345183	55.675	ug/L	100
59) Bromoform	12.342	173	60711	19.633	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	403278	92.536	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	622259	38.699	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	621881	39.105	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	26585	27.286	ug/L	93
70) 1,2,4-trichlorobenzene	15.122	180	181649	20.929	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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