Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071024\
Data File : VW029499.D
Acq On : 10 Jul 2024 12:14
Operator : SY/MD
Sample : P3177-20
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4DH2

Quant Time: Jul 11 02:15:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jul 11 02:12:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	270510	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	253455	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	130527	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	94822	21.699	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.800%			
7) Chloroethane-d5	2.899	69	70946	22.547	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.200%			
11) 1,1-Dichloroethene-d2	4.027	65	44711	22.785	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.120%			
21) 2-Butanone-d5	7.075	46	55408	42.239	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.480%			
24) Chloroform-d	7.654	84	206254	26.374	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.480%			
26) 1,2-Dichloroethane-d4	8.307	65	110240	24.033	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.120%			
32) Benzene-d6	8.276	84	367611	24.211	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.840%			
36) 1,2-Dichloropropane-d6	9.270	67	118017	24.310	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.240%			
41) Toluene-d8	10.325	98	334174	25.026	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.120%			
43) trans-1,3-Dichloroprop...	10.575	79	49161	23.914	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.640%			
47) 2-Hexanone-d5	10.922	63	40361	45.753	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.500%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92165	23.383	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.520%			
66) 1,2-Dichlorobenzene-d4	13.848	152	100706	22.154	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.600%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.051	96	185770	55.222	ug/L #	80
13) Acetone	4.119	43	26825	20.260	ug/L	96
16) Methylene chloride	4.923	84	181163	37.407	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	164573	44.192	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	156210	24.653	ug/L	100
19) 1,1-Dichloroethane	6.222	63	322063	42.111	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	364639	89.542	ug/L	95
22) 2-Butanone	7.167	43	323609	186.178	ug/L	99
25) Chloroform	7.679	83	538621	72.788	ug/L	100
27) 1,2-Dichloroethane	8.398	62	136418	24.579	ug/L	97
31) Carbon tetrachloride	8.069	117	224009	42.261	ug/L	99
33) Benzene	8.325	78	620097	39.103	ug/L	100
34) Trichloroethene	9.093	95	155153	37.050	ug/L	99
37) 1,2-Dichloropropane	9.368	63	61394	14.000	ug/L	100
38) Bromodichloromethane	9.642	83	409422	76.438	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	518908	78.785	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	295833	95.723	ug/L	99
42) Toluene	10.386	91	557451	34.362	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	256672	45.468	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	79768	25.293	ug/L	99
46) Tetrachloroethene	10.861	164	156253	52.520	ug/L	82
48) 2-Hexanone	10.965	43	248230	106.913	ug/L	98
49) Dibromochloromethane	11.123	129	285440	86.970	ug/L	94
50) 1,2-Dibromoethane	11.233	107	198049	65.898	ug/L	98
51) Chlorobenzene	11.654	112	175398	16.725	ug/L	99
52) Ethylbenzene	11.727	91	811027	44.125	ug/L	97
53) m,p-Xylene	11.837	106	580462	86.027	ug/L	97
54) o-Xylene	12.166	106	246692	39.529	ug/L	98
55) Styrene	12.178	104	684669	62.391	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	112949	28.392	ug/L	96
59) Bromoform	12.349	173	43287	21.484	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	152079	48.142	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	672446	81.686	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	433268	51.374	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	192556	25.876	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	23800	31.515	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	103328	21.867	ug/L	98

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

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