Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032123\
Data File : VW025460.D
Acq On : 21 Mar 2023 11:53
Operator : SY/MD
Sample : 01979-19MSD
Misc : 5.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EYGC8MSD

Quant Time: Mar 22 01:31:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Mar 22 01:30:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	931227	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	833385	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	432755	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	298863	19.302	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.200%			
7) Chloroethane-d5	2.899	69	237958	21.359	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.440%			
11) 1,1-Dichloroethene-d2	4.027	63	653885	21.865	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.480%			
21) 2-Butanone-d5	7.075	46	263980	69.458	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 138.920%#			
24) Chloroform-d	7.648	84	663256	24.706	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.840%			
26) 1,2-Dichloroethane-d4	8.307	65	386557	26.827	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.320%			
32) Benzene-d6	8.276	84	1321863	23.213	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.840%			
36) 1,2-Dichloropropane-d6	9.276	67	440494	25.005	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.000%			
41) Toluene-d8	10.325	98	1171025	23.324	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.280%			
43) trans-1,3-Dichloroprop...	10.575	79	183199	26.116	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.480%			
47) 2-Hexanone-d5	10.922	63	187619	74.064	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 148.120%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	393924	30.522	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 122.080%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	377357	23.448	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	209308	19.668	ug/L	92
3) Chloromethane	2.222	50	316032	24.969	ug/L	99
5) Vinyl chloride	2.375	62	344255	24.075	ug/L	97
6) Bromomethane	2.789	94	183186	24.028	ug/L	99
8) Chloroethane	2.936	64	200610	24.409	ug/L	97
9) Trichlorofluoromethane	3.265	101	267731	21.632	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	287929	23.989	ug/L	99
12) 1,1-Dichloroethene	4.045	96	277818	23.924	ug/L	90
13) Acetone	4.118	43	353916	96.870	ug/L	99
14) Carbon disulfide	4.393	76	865641	23.975	ug/L	99
15) Methyl Acetate	4.667	43	188341	27.479	ug/L	98
16) Methylene chloride	4.917	84	319874	24.668	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	298459	24.517	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	553027	30.176	ug/L	99
19) 1,1-Dichloroethane	6.216	63	635033	25.191	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	339403	25.465	ug/L	93
22) 2-Butanone	7.167	43	315479	66.751	ug/L	98
23) Bromochloromethane	7.520	128	147858	25.797	ug/L	97
25) Chloroform	7.679	83	597543	25.215	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	437373	27.656	ug/L		99
29) Cyclohexane	7.959	56	588945	25.036	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	459842	23.211	ug/L		100
31) Carbon tetrachloride	8.069	117	411437	23.169	ug/L		99
33) Benzene	8.325	78	1318900	24.753	ug/L		100
34) Trichloroethene	9.093	95	327822	23.442	ug/L		97
35) Methylcyclohexane	9.337	83	580005	24.076	ug/L		99
37) 1,2-Dichloropropane	9.368	63	374756	25.552	ug/L		100
38) Bromodichloromethane	9.642	83	434284	25.390	ug/L		100
39) cis-1,3-Dichloropropene	10.075	75	575747	27.249	ug/L		100
40) 4-Methyl-2-pentanone	10.209	43	617963	70.103	ug/L		99
42) Toluene	10.386	91	1344955	24.448	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	488232	27.593	ug/L		99
45) 1,1,2-Trichloroethane	10.788	97	273891	27.808	ug/L		98
46) Tetrachloroethene	10.861	164	229629	23.077	ug/L		96
48) 2-Hexanone	10.965	43	434707	68.544	ug/L		99
49) Dibromochloromethane	11.129	129	277350	26.354	ug/L		100
50) 1,2-Dibromoethane	11.233	107	258500	28.353	ug/L	#	98
51) Chlorobenzene	11.654	112	850256	24.352	ug/L		99
52) Ethylbenzene	11.727	91	1525237	24.309	ug/L		98
53) m,p-Xylene	11.837	106	566282	24.470	ug/L		100
54) o-Xylene	12.166	106	537334	24.675	ug/L		96
55) Styrene	12.178	104	702255	18.884	ug/L		87
57) 1,1,2,2-Tetrachloroethane	12.714	83	361578	29.512	ug/L		98
59) Bromoform	12.349	173	167804	26.876	ug/L		97
60) Isopropylbenzene	12.458	105	1497972	23.220	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	263590	27.956	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	1228270	24.040	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	1232511	24.487	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	611035	22.353	ug/L		97
65) 1,4-Dichlorobenzene	13.574	146	643836	22.961	ug/L		92
67) 1,2-Dichlorobenzene	13.867	146	571302	23.302	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.476	75	61150	28.015	ug/L		94
69) 1,3,5-Trichlorobenzene	14.623	180	400600	21.558	ug/L		98
70) 1,2,4-trichlorobenzene	15.129	180	347743	22.570	ug/L		100
71) Naphthalene	15.360	128	797464	26.222	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	293823	21.232	ug/L		96

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

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