Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031825\
Data File : VD080282.D
Acq On : 18 Mar 2025 16:15
Operator : RP/MD
Sample : Q1546-03
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 20 16:56:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM031825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Mar 20 12:45:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	175429	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	173596	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	76930	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	128036	22.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.64%			
7) Chloroethane-d5	2.799	69	117708	22.87	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.48%			
11) 1,1-Dichloroethene-d2	3.916	65	29023	23.78	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.12%			
21) 2-Butanone-d5	6.987	46	32141	51.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.24%			
24) Chloroform-d	7.569	84	136399	25.21	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.84%			
26) 1,2-Dichloroethane-d4	8.228	65	78942	26.70	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.80%			
32) Benzene-d6	8.204	84	269611	26.58	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.32%			
36) 1,2-Dichloropropane-d6	9.210	67	92143	28.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.64%			
41) Toluene-d8	10.269	98	244179	26.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.68%			
43) trans-1,3-Dichloroprop...	10.522	79	35772	26.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 106.24%			
47) 2-Hexanone-d5	10.875	63	24582	51.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.82%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	73340	25.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.88%			
66) 1,2-Dichlorobenzene-d4	13.810	152	77496	28.76	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 115.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	3900	1.20	ug/L	97
3) Chloromethane	2.152	50	6081	1.15	ug/L	92
5) Vinyl chloride	2.281	62	8013	1.17	ug/L #	59
6) Bromomethane	2.693	94	4397	1.23	ug/L	84
8) Chloroethane	2.834	64	4887	1.06	ug/L	86
9) Trichlorofluoromethane	3.169	101	6082	1.19	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.952	101	767	0.25	ug/L #	23
12) 1,1-Dichloroethene	3.940	96	3370	1.31	ug/L #	1
13) Acetone	4.028	43	1694	2.60	ug/L	59
14) Carbon disulfide	4.269	76	10606	1.11	ug/L #	79
15) Methyl Acetate	4.563	43	848	0.58	ug/L	94
16) Methylene chloride	4.804	84	7585	2.21	ug/L	90
17) trans-1,2-Dichloroethene	5.310	96	2461	0.89	ug/L	91
18) Methyl tert-butyl Ether	5.316	73	3092	0.53	ug/L #	83
19) 1,1-Dichloroethane	6.104	63	1197	0.22	ug/L #	88
20) cis-1,2-Dichloroethene	7.069	96	1583	0.53	ug/L	86
22) 2-Butanone	7.075	43	731	0.87	ug/L #	72
23) Bromochloromethane	7.422	128	1600	1.12	ug/L #	86
25) Chloroform	7.593	83	18003	3.08	ug/L	99

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.334	62	4225	1.16	ug/L	#	63
29) Cyclohexane	7.875	56	3983	0.97	ug/L	#	83
30) 1,1,1-Trichloroethane	7.793	97	4865	1.07	ug/L		92
31) Carbon tetrachloride	7.793	117	508	0.13	ug/L		100
33) Benzene	8.251	78	12977	1.15	ug/L		100
34) Trichloroethene	9.028	95	3330	1.11	ug/L		88
35) Methylcyclohexane	9.263	83	4287	1.00	ug/L	#	84
37) 1,2-Dichloropropane	9.310	63	3426	1.05	ug/L	#	87
38) Bromodichloromethane	9.587	83	4300	1.04	ug/L		81
39) cis-1,3-Dichloropropene	10.016	75	4316	0.91	ug/L		86
40) 4-Methyl-2-pentanone	10.157	43	3468	2.00	ug/L	#	96
42) Toluene	10.334	91	13182	1.09	ug/L		99
44) trans-1,3-Dichloropropene	10.551	75	6390	1.61	ug/L		98
45) 1,1,2-Trichloroethane	10.728	97	2774	1.13	ug/L		94
46) Tetrachloroethene	10.810	164	2668	1.14	ug/L		93
48) 2-Hexanone	10.928	43	2486	2.02	ug/L	#	93
49) Dibromochloromethane	11.069	129	1937	0.70	ug/L	#	72
50) 1,2-Dibromoethane	11.181	107	2565	1.18	ug/L	#	100
51) Chlorobenzene	11.604	112	8504	1.07	ug/L		97
52) Ethylbenzene	11.681	91	12290	0.94	ug/L		96
53) m,p-Xylene	11.792	106	4362	0.90	ug/L		90
54) o-Xylene	12.122	106	4022	0.87	ug/L		89
55) Styrene	12.133	104	6870	0.82	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.669	83	3712	1.25	ug/L	#	82
59) Bromoform	12.298	173	1893	1.33	ug/L	#	90
60) Isopropylbenzene	12.416	105	9238	0.89	ug/L	#	92
61) 1,2,3-Trichloropropane	12.728	75	2263	1.33	ug/L	#	81
62) 1,3,5-Trimethylbenzene	12.904	105	7782	0.95	ug/L		92
63) 1,2,4-Trimethylbenzene	13.210	105	7631	0.92	ug/L		96
64) 1,3-Dichlorobenzene	13.457	146	5744	1.11	ug/L		90
65) 1,4-Dichlorobenzene	13.533	146	6290	1.13	ug/L		93
67) 1,2-Dichlorobenzene	13.827	146	5892	1.23	ug/L		93
69) 1,3,5-Trichlorobenzene	14.592	180	4340	1.27	ug/L		93
70) 1,2,4-trichlorobenzene	15.098	180	3169	1.12	ug/L	#	94
71) Naphthalene	15.327	128	6304	1.18	ug/L	#	95
72) 1,2,3-Trichlorobenzene	15.516	180	3137	1.23	ug/L		92

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

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