Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113023\
Data File : VD077706.D
Acq On : 30 Nov 2023 09:54
Operator : JC/SY
Sample : VSTDCCC025
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025223

Quant Time: Nov 30 22:55:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Nov 30 00:14:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	324686	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	298370	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	153383	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	209506	23.661	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.640%			
7) Chloroethane-d5	2.811	69	165962	23.516	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.080%			
11) 1,1-Dichloroethene-d2	3.928	65	54961	23.940	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.760%			
21) 2-Butanone-d5	6.993	46	53271	47.603	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.200%			
24) Chloroform-d	7.575	84	221599	25.323	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.280%			
26) 1,2-Dichloroethane-d4	8.234	65	110858	25.003	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.000%			
32) Benzene-d6	8.204	84	456946	25.429	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.720%			
36) 1,2-Dichloropropane-d6	9.210	67	139049	25.361	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.440%			
41) Toluene-d8	10.269	98	427956	25.874	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.480%			
43) trans-1,3-Dichloroprop...	10.528	79	61185	25.235	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.960%			
47) 2-Hexanone-d5	10.881	63	45827	48.505	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.000%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	98511	24.864	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.440%			
66) 1,2-Dichlorobenzene-d4	13.816	152	133371	24.306	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.940	85	126576	24.420	ug/L	99
3) Chloromethane	2.152	50	172019	23.100	ug/L	98
5) Vinyl chloride	2.293	62	212495	22.909	ug/L	99
6) Bromomethane	2.705	94	125725	25.587	ug/L	97
8) Chloroethane	2.846	64	134665	23.259	ug/L	95
9) Trichlorofluoromethane	3.187	101	183669	23.217	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	109650	23.495	ug/L	98
12) 1,1-Dichloroethene	3.952	96	103859	23.515	ug/L #	83
13) Acetone	4.022	43	74069	51.660	ug/L	97
14) Carbon disulfide	4.281	76	378424	24.178	ug/L	98
15) Methyl Acetate	4.575	43	46353	22.584	ug/L	98
16) Methylene chloride	4.810	84	114679	19.892	ug/L	93
17) trans-1,2-Dichloroethene	5.322	96	111178	24.143	ug/L	99
18) Methyl tert-butyl Ether	5.328	73	237517	23.398	ug/L	99
19) 1,1-Dichloroethane	6.122	63	204008	23.506	ug/L	96
20) cis-1,2-Dichloroethene	7.087	96	118537	23.165	ug/L	94
22) 2-Butanone	7.087	43	71445	44.273	ug/L #	66
23) Bromochloromethane	7.428	128	50939	23.911	ug/L	95
25) Chloroform	7.599	83	200767	23.497	ug/L	90

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Quant Title : SFAM01.0
QLast Update : Thu Nov 30 00:14:03 2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.328	62	128294	24.005	ug/L		96
29) Cyclohexane	7.887	56	189634	24.086	ug/L		96
30) 1,1,1-Trichloroethane	7.799	97	174092	23.845	ug/L		100
31) Carbon tetrachloride	7.998	117	156296	24.343	ug/L		100
33) Benzene	8.251	78	455868	23.474	ug/L		100
34) Trichloroethene	9.034	95	117207	24.313	ug/L		96
35) Methylcyclohexane	9.275	83	207949	24.298	ug/L		98
37) 1,2-Dichloropropane	9.310	63	122725	24.238	ug/L		99
38) Bromodichloromethane	9.587	83	144512	23.470	ug/L	#	98
39) cis-1,3-Dichloropropene	10.016	75	189257	23.935	ug/L		98
40) 4-Methyl-2-pentanone	10.163	43	129045	46.185	ug/L		100
42) Toluene	10.334	91	499626	24.222	ug/L		99
44) trans-1,3-Dichloropropene	10.557	75	155373	23.525	ug/L		100
45) 1,1,2-Trichloroethane	10.734	97	81911	24.087	ug/L		96
46) Tetrachloroethene	10.810	164	90488	23.278	ug/L		91
48) 2-Hexanone	10.922	43	112229	47.256	ug/L		95
49) Dibromochloromethane	11.075	129	96545	23.877	ug/L		99
50) 1,2-Dibromoethane	11.181	107	74219	22.631	ug/L	#	96
51) Chlorobenzene	11.610	112	303223	23.707	ug/L		98
52) Ethylbenzene	11.687	91	549250	24.020	ug/L		98
53) m,p-Xylene	11.798	106	207134	23.973	ug/L		98
54) o-Xylene	12.122	106	199416	24.116	ug/L		100
55) Styrene	12.139	104	354271	24.485	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.675	83	94062	23.344	ug/L		100
59) Bromoform	12.304	173	57438	22.632	ug/L	#	97
60) Isopropylbenzene	12.422	105	537073	23.460	ug/L		100
61) 1,2,3-Trichloropropane	12.728	75	63722	22.586	ug/L		98
62) 1,3,5-Trimethylbenzene	12.904	105	404504	23.525	ug/L		100
63) 1,2,4-Trimethylbenzene	13.216	105	416956	23.916	ug/L		100
64) 1,3-Dichlorobenzene	13.463	146	230424	23.273	ug/L		98
65) 1,4-Dichlorobenzene	13.539	146	232526	22.633	ug/L		98
67) 1,2-Dichlorobenzene	13.833	146	204378	22.940	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.451	75	13429	20.186	ug/L		97
69) 1,3,5-Trichlorobenzene	14.598	180	154664	22.941	ug/L		99
70) 1,2,4-trichlorobenzene	15.098	180	131062	22.899	ug/L		97
71) Naphthalene	15.333	128	239995	22.936	ug/L		100
72) 1,2,3-Trichlorobenzene	15.528	180	115192	22.958	ug/L		96

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

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