

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042923\
 Data File : VD075910.D
 Acq On : 29 Apr 2023 11:54
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025140

Quant Time: May 01 00:11:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 29 05:12:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	385745	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	361271	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	179432	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	218934	25.872	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.480%			
7) Chloroethane-d5	2.805	69	185740	25.404	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.600%			
11) 1,1-Dichloroethene-d2	3.922	65	48809	25.018	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.080%			
21) 2-Butanone-d5	6.987	46	38428	52.309	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.620%			
24) Chloroform-d	7.569	84	249250	25.839	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.360%			
26) 1,2-Dichloroethane-d4	8.228	65	105626	25.641	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.560%			
32) Benzene-d6	8.205	84	532143	25.272	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.080%			
36) 1,2-Dichloropropane-d6	9.210	67	147987	25.391	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.560%			
41) Toluene-d8	10.269	98	503182	25.525	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.120%			
43) trans-1,3-Dichloroprop...	10.528	79	58040	24.093	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.360%			
47) 2-Hexanone-d5	10.881	63	37243	53.071	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.140%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	113310	25.407	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.640%			
66) 1,2-Dichlorobenzene-d4	13.816	152	149164	23.503	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	148140	27.858	ug/L	99
3) Chloromethane	2.146	50	203311	27.426	ug/L	97
5) Vinyl chloride	2.287	62	262091	27.052	ug/L	99
6) Bromomethane	2.693	94	149036	22.893	ug/L	98
8) Chloroethane	2.840	64	163038	26.020	ug/L	97
9) Trichlorofluoromethane	3.175	101	207769	26.690	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	143054	27.353	ug/L	97
12) 1,1-Dichloroethene	3.940	96	132473	26.119	ug/L	92
13) Acetone	4.022	43	33389	53.110	ug/L	67
14) Carbon disulfide	4.269	76	448480	25.316	ug/L	98
15) Methyl Acetate	4.564	43	35508	26.062	ug/L #	61
16) Methylene chloride	4.805	84	157273	20.098	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	142455	25.049	ug/L	99
18) Methyl tert-butyl Ether	5.322	73	215625	23.636	ug/L	98
19) 1,1-Dichloroethane	6.111	63	219202	26.310	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	147935	24.600	ug/L	96
22) 2-Butanone	7.081	43	43477	53.047	ug/L	95
23) Bromochloromethane	7.428	128	71862	25.767	ug/L #	92
25) Chloroform	7.593	83	242310	25.950	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	126642	26.276	ug/L	99
29) Cyclohexane	7.881	56	171428	27.719	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	193978	25.378	ug/L	99
31) Carbon tetrachloride	7.993	117	163029	26.585	ug/L	97
33) Benzene	8.252	78	564358	25.825	ug/L	100
34) Trichloroethene	9.028	95	142379	25.194	ug/L	97
35) Methylcyclohexane	9.275	83	238278	27.348	ug/L	98
37) 1,2-Dichloropropane	9.304	63	128168	25.533	ug/L	98
38) Bromodichloromethane	9.587	83	169718	25.075	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	197020	24.679	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	95742	52.313	ug/L	97
42) Toluene	10.334	91	629215	26.607	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	161023	25.108	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	102937	24.104	ug/L	97
46) Tetrachloroethene	10.810	164	121099	26.126	ug/L	94
48) 2-Hexanone	10.922	43	70416	54.576	ug/L	94
49) Dibromochloromethane	11.075	129	113459	24.405	ug/L	96
50) 1,2-Dibromoethane	11.181	107	92945	24.141	ug/L	99
51) Chlorobenzene	11.610	112	391021	25.275	ug/L	96
52) Ethylbenzene	11.687	91	636091	26.231	ug/L	99
53) m,p-Xylene	11.798	106	260413	26.969	ug/L	94
54) o-Xylene	12.122	106	238538	26.009	ug/L	98
55) Styrene	12.134	104	431255	27.016	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.675	83	108517	24.974	ug/L	99
59) Bromoform	12.298	173	67707	24.621	ug/L	96
60) Isopropylbenzene	12.422	105	612826	25.757	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	69456	24.641	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	459100	25.877	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	443678	25.943	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	284006	24.948	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	292331	24.468	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	251016	24.691	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	13728	24.362	ug/L	87
69) 1,3,5-Trichlorobenzene	14.598	180	181006	23.722	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	131378	20.777	ug/L	100
71) Naphthalene	15.334	128	248207	21.450	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	122438	21.692	ug/L	99

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

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