

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077172.D
 Acq On : 21 Sep 2023 09:39
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025191

Quant Time: Sep 22 01:26:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	309814	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	313311	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	169820	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	200160	26.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.880%	
7) Chloroethane-d5	2.805	69	175885	28.017	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 112.080%	
11) 1,1-Dichloroethene-d2	3.916	65	47811	27.571	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 110.280%#	
21) 2-Butanone-d5	6.987	46	56668	58.924	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 117.840%	
24) Chloroform-d	7.569	84	237103	27.969	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 111.880%	
26) 1,2-Dichloroethane-d4	8.228	65	113792	28.320	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 113.280%	
32) Benzene-d6	8.199	84	474035	27.394	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 109.560%	
36) 1,2-Dichloropropane-d6	9.210	67	137772	27.762	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 111.040%	
41) Toluene-d8	10.269	98	434944	27.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 109.840%	
43) trans-1,3-Dichloroprop...	10.522	79	56043	24.785	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 99.160%	
47) 2-Hexanone-d5	10.881	63	47762	60.260	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 120.520%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	127844	28.897	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 115.600%	
66) 1,2-Dichlorobenzene-d4	13.816	152	140595	25.794	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.160%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	96296	24.237	ug/L	98
3) Chloromethane	2.146	50	152291	22.588	ug/L	98
5) Vinyl chloride	2.281	62	191990	24.276	ug/L	97
6) Bromomethane	2.693	94	119880	21.699	ug/L	97
8) Chloroethane	2.840	64	130282	25.102	ug/L	99
9) Trichlorofluoromethane	3.175	101	184794	24.711	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	120400	26.320	ug/L	99
12) 1,1-Dichloroethene	3.940	96	102449	24.626	ug/L	95
13) Acetone	4.016	43	84048	60.921	ug/L	98
14) Carbon disulfide	4.269	76	280521	20.829	ug/L	99
15) Methyl Acetate	4.563	43	46856	25.392	ug/L #	87
16) Methylene chloride	4.799	84	124768	19.787	ug/L	99
17) trans-1,2-Dichloroethene	5.310	96	112787	24.899	ug/L	92
18) Methyl tert-butyl Ether	5.310	73	244113	24.954	ug/L	99
19) 1,1-Dichloroethane	6.105	63	199498	26.120	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	128090	24.699	ug/L	98
22) 2-Butanone	7.075	43	94083	56.527	ug/L	97
23) Bromochloromethane	7.422	128	62496	25.252	ug/L	95
25) Chloroform	7.593	83	224043	26.271	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	132220	25.886	ug/L	96
29) Cyclohexane	7.875	56	138186	23.454	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	193374	26.403	ug/L	98
31) Carbon tetrachloride	7.993	117	159139	25.686	ug/L	98
33) Benzene	8.252	78	478110	25.403	ug/L	100
34) Trichloroethene	9.028	95	124561	24.959	ug/L	97
35) Methylcyclohexane	9.275	83	181716	23.611	ug/L	98
37) 1,2-Dichloropropane	9.304	63	124357	26.197	ug/L	100
38) Bromodichloromethane	9.581	83	164956	25.187	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	189780	25.145	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	145108	55.617	ug/L	99
42) Toluene	10.334	91	525260	25.766	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	170770	26.465	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	105326	26.219	ug/L	90
46) Tetrachloroethene	10.810	164	99948	24.499	ug/L	95
48) 2-Hexanone	10.922	43	138931	69.051	ug/L	95
49) Dibromochloromethane	11.075	129	121911	25.984	ug/L	96
50) 1,2-Dibromoethane	11.181	107	99521	25.077	ug/L	93
51) Chlorobenzene	11.604	112	338665	24.845	ug/L	99
52) Ethylbenzene	11.681	91	571348	25.897	ug/L	99
53) m,p-Xylene	11.793	106	217411	25.521	ug/L	99
54) o-Xylene	12.122	106	211722	25.747	ug/L	96
55) Styrene	12.134	104	382845	26.052	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	126395	26.752	ug/L	96
59) Bromoform	12.298	173	77517	25.309	ug/L	97
60) Isopropylbenzene	12.422	105	555791	25.393	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	83205	25.669	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	421788	24.916	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	419888	25.317	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	253027	24.265	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	263999	24.234	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	236179	24.626	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	17385	25.645	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	165248	24.047	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	136865	23.271	ug/L	99
71) Naphthalene	15.333	128	280869	23.888	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	130039	24.073	ug/L	98

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

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