

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022323\
 Data File : VD075407.D
 Acq On : 23 Feb 2023 10:58
 Operator : KP/SY
 Sample : VSTD2.501
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5101

Quant Time: Feb 23 23:39:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM022323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 23 23:38:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	84300	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	76717	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	35011	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	4890	2.928	ug/L	0.00
7) Chloroethane-d5	2.799	69	4245	3.006	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	63	6661	2.672	ug/L	0.00
21) 2-Butanone-d5	6.981	46	1577m	6.332	ug/L	0.00
24) Chloroform-d	7.569	84	7084	2.915	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	3296	2.742	ug/L	0.00
32) Benzene-d6	8.199	84	13346	2.787	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	4127	2.899	ug/L	0.00
41) Toluene-d8	10.269	98	11181	2.582	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	1487	2.594	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	965	5.150	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.657	84	2859	2.841	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	3763	3.045	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	4474	2.767	ug/L	94
3) Chloromethane	2.146	50	5383	2.786	ug/L	98
5) Vinyl chloride	2.281	62	5993	2.790	ug/L	92
6) Bromomethane	2.699	94	2463	2.304	ug/L	99
8) Chloroethane	2.846	64	3360	2.568	ug/L	93
9) Trichlorofluoromethane	3.175	101	6266	2.579	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	3791m	2.599	ug/L	
12) 1,1-Dichloroethene	3.946	96	3302	2.630	ug/L #	65
13) Acetone	4.028	43	1827	5.412	ug/L	57
14) Carbon disulfide	4.275	76	11194	2.765	ug/L	97
15) Methyl Acetate	4.575	43	1282m	2.472	ug/L	
16) Methylene chloride	4.811	84	5556	3.296	ug/L	76
17) trans-1,2-Dichloroethene	5.316	96	3090m	2.387	ug/L	
18) Methyl tert-butyl Ether	5.322	73	6017	2.279	ug/L #	63
19) 1,1-Dichloroethane	6.116	63	6557	2.630	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	2967	2.148	ug/L	93
22) 2-Butanone	7.087	43	2095m	5.333	ug/L	
23) Bromochloromethane	7.428	128	1384	2.263	ug/L #	70
25) Chloroform	7.604	83	6546	2.559	ug/L	93
27) 1,2-Dichloroethane	8.328	62	4300	2.674	ug/L	98
29) Cyclohexane	7.881	56	4678m	2.227	ug/L	
30) 1,1,1-Trichloroethane	7.799	97	5960m	2.554	ug/L	
31) Carbon tetrachloride	7.987	117	4962m	2.477	ug/L	
33) Benzene	8.246	78	13803	2.510	ug/L	100
34) Trichloroethene	9.028	95	3638	2.489	ug/L #	87
35) Methylcyclohexane	9.275	83	5615	2.398	ug/L	98
37) 1,2-Dichloropropane	9.304	63	3723	2.598	ug/L #	87
38) Bromodichloromethane	9.587	83	4513	2.434	ug/L	96
39) cis-1,3-Dichloropropene	10.028	75	4707	2.263	ug/L	88
40) 4-Methyl-2-pentanone	10.157	43	3530	4.584	ug/L #	95
42) Toluene	10.334	91	13129	2.254	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	3745	2.164	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022323\
 Data File : VD075407.D
 Acq On : 23 Feb 2023 10:58
 Operator : KP/SY
 Sample : VSTD2.501
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5101

Quant Time: Feb 23 23:39:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM022323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 23 23:38:15 2023
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	10.734	97	2578	2.574	ug/L	89
46) Tetrachloroethene	10.810	164	2935	2.545	ug/L	90
48) 2-Hexanone	10.928	43	2561	4.495	ug/L #	95
49) Dibromochloromethane	11.081	129	2781	2.362	ug/L	98
50) 1,2-Dibromoethane	11.181	107	2222	2.401	ug/L #	96
51) Chlorobenzene	11.610	112	8954	2.424	ug/L	95
52) Ethylbenzene	11.687	91	13896	2.159	ug/L	95
53) m,p-Xylene	11.793	106	4960	2.044	ug/L	96
54) o-Xylene	12.122	106	4789	2.088	ug/L	99
55) Styrene	12.134	104	8045	2.019	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	2858	2.569	ug/L #	94
59) Bromoform	12.304	173	1701	2.626	ug/L #	95
60) Isopropylbenzene	12.422	105	13503	2.297	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	1794m	2.597	ug/L	
62) 1,3,5-Trimethylbenzene	12.904	105	10035	2.178	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	9559	2.153	ug/L	96
64) 1,3-Dichlorobenzene	13.463	146	6544	2.557	ug/L	89
65) 1,4-Dichlorobenzene	13.539	146	6955	2.663	ug/L	92
67) 1,2-Dichlorobenzene	13.839	146	5781	2.577	ug/L #	92
68) 1,2-Dibromo-3-chloropr...	14.457	75	456m	2.930	ug/L	
69) 1,3,5-Trichlorobenzene	14.598	180	4125	2.446	ug/L	96
70) 1,2,4-trichlorobenzene	15.104	180	3251	2.396	ug/L	95
71) Naphthalene	15.334	128	5493	2.239	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.528	180	2593	2.216	ug/L #	93

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

