

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030123\
 Data File : VD075427.D
 Acq On : 01 Mar 2023 14:34
 Operator : KP/SY
 Sample : VSTD02513
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025113

Quant Time: Mar 02 01:02:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 02 01:01:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	358593	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	326110	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	168647	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	186644	20.962	ug/L	0.00
7) Chloroethane-d5	2.805	69	161568	20.963	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	63	181361	21.807	ug/L	0.00
21) 2-Butanone-d5	6.993	46	38435	46.582	ug/L	0.00
24) Chloroform-d	7.569	84	208602	22.198	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	89686	22.029	ug/L	0.00
32) Benzene-d6	8.199	84	420243	21.699	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	124067	22.666	ug/L	0.00
41) Toluene-d8	10.269	98	397118	22.477	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	48598	21.726	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	35595	45.076	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	100815	22.018	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	126114	21.379	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	129667	23.504	ug/L	100
3) Chloromethane	2.146	50	227046	24.472	ug/L	100
5) Vinyl chloride	2.281	62	286849	24.585	ug/L	100
6) Bromomethane	2.693	94	136660	24.713	ug/L	100
8) Chloroethane	2.840	64	187539	25.319	ug/L	100
9) Trichlorofluoromethane	3.175	101	209784	24.018	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	147982	24.525	ug/L	100
12) 1,1-Dichloroethene	3.940	96	130559	24.569	ug/L	100
13) Acetone	4.022	43	42218	45.040	ug/L	100
14) Carbon disulfide	4.269	76	362226	24.381	ug/L	100
15) Methyl Acetate	4.563	43	39909	25.071	ug/L	100
16) Methylene chloride	4.799	84	158921	20.975	ug/L	100
17) trans-1,2-Dichloroethene	5.316	96	142804	25.074	ug/L	100
18) Methyl tert-butyl Ether	5.322	73	269668	25.478	ug/L	100
19) 1,1-Dichloroethane	6.116	63	244768	25.405	ug/L	100
20) cis-1,2-Dichloroethene	7.081	96	162223	25.214	ug/L	100
22) 2-Butanone	7.087	43	54675	46.227	ug/L	100
23) Bromochloromethane	7.434	128	70800	25.686	ug/L	100
25) Chloroform	7.599	83	263553	25.087	ug/L	100
27) 1,2-Dichloroethane	8.328	62	144299	25.471	ug/L	100
29) Cyclohexane	7.881	56	178502	25.581	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	217527	24.808	ug/L	100
31) Carbon tetrachloride	7.993	117	175886	25.254	ug/L	100
33) Benzene	8.251	78	584997	24.961	ug/L	100
34) Trichloroethene	9.028	95	151163	24.698	ug/L	100
35) Methylcyclohexane	9.275	83	239084	25.038	ug/L	100
37) 1,2-Dichloropropane	9.304	63	145514	25.267	ug/L	100
38) Bromodichloromethane	9.587	83	190228	24.970	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	222597	25.256	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	112595	50.981	ug/L	100
42) Toluene	10.334	91	669263	26.073	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	186588	25.695	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	117751	25.599	ug/L	100
46) Tetrachloroethene	10.810	164	115143	24.551	ug/L	100
48) 2-Hexanone	10.922	43	83279	51.250	ug/L	100
49) Dibromochloromethane	11.075	129	129665	25.806	ug/L	100
50) 1,2-Dibromoethane	11.181	107	105310	25.328	ug/L	100
51) Chlorobenzene	11.610	112	418235	25.079	ug/L	100
52) Ethylbenzene	11.687	91	709907	26.018	ug/L	100
53) m,p-Xylene	11.798	106	280049	26.050	ug/L	100
54) o-Xylene	12.122	106	267325	26.287	ug/L	100
55) Styrene	12.139	104	483177	26.752	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	129155	25.655	ug/L	100
59) Bromoform	12.298	173	74044	24.331	ug/L	100
60) Isopropylbenzene	12.422	105	720961	25.418	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	81589	24.134	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	554195	26.028	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	545204	26.187	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	311924	24.860	ug/L	100
65) 1,4-Dichlorobenzene	13.539	146	316659	24.535	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	275824	24.672	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	17007	25.905	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	191753	24.371	ug/L	100
70) 1,2,4-trichlorobenzene	15.104	180	158306	25.024	ug/L	100
71) Naphthalene	15.333	128	312032	24.868	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	140558	25.207	ug/L	100

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

