

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
 Data File : VD080435.D
 Acq On : 13 Jun 2025 12:59
 Operator : RP/MD
 Sample : VSTD02578
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD02578

Quant Time: Jun 16 09:49:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 16 09:46:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.776	114	233876	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.576	117	225679	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.517	152	124065	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	89666	22.33	ug/L	0.00
7) Chloroethane-d5	2.806	69	75822	22.45	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.918	65	30148	21.83	ug/L	0.00
21) 2-Butanone-d5	6.982	46	32371	46.12	ug/L	0.00
24) Chloroform-d	7.570	84	154758	22.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.229	65	77645	23.24	ug/L	0.00
32) Benzene-d6	8.200	84	300881	23.83	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.211	67	92943	22.96	ug/L	0.00
41) Toluene-d8	10.264	98	290365	24.46	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.523	79	41601	24.46	ug/L	0.00
47) 2-Hexanone-d5	10.876	63	28595	46.59	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.647	84	83593	23.32	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.811	152	103724	22.43	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.935	85	86990	23.05	ug/L	100
3) Chloromethane	2.147	50	88323	23.71	ug/L	100
5) Vinyl chloride	2.282	62	109129	24.72	ug/L	100
6) Bromomethane	2.694	94	55327	23.60	ug/L	100
8) Chloroethane	2.841	64	70345	23.69	ug/L	100
9) Trichlorofluoromethane	3.176	101	142649	24.34	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	90163	24.55	ug/L	100
12) 1,1-Dichloroethene	3.941	96	76528	24.10	ug/L	100
13) Acetone	4.023	43	30724	48.39	ug/L	100
14) Carbon disulfide	4.270	76	262582	24.43	ug/L	100
15) Methyl Acetate	4.565	43	36522	24.25	ug/L	100
16) Methylene chloride	4.800	84	103640	23.67	ug/L	100
17) trans-1,2-Dichloroethene	5.312	96	87416	24.55	ug/L	100
18) Methyl tert-butyl Ether	5.317	73	177128	25.44	ug/L	100
19) 1,1-Dichloroethane	6.112	63	153674	24.80	ug/L	100
20) cis-1,2-Dichloroethene	7.082	96	96422	25.35	ug/L	100
22) 2-Butanone	7.082	43	44031	50.42	ug/L	100
23) Bromochloromethane	7.423	128	49052	25.24	ug/L	100
25) Chloroform	7.600	83	173020	25.12	ug/L	100
27) 1,2-Dichloroethane	8.323	62	100355	25.43	ug/L	100
29) Cyclohexane	7.876	56	132271	26.38	ug/L	100
30) 1,1,1-Trichloroethane	7.794	97	141149	24.88	ug/L	100
31) Carbon tetrachloride	7.988	117	130645	24.71	ug/L	100
33) Benzene	8.253	78	354928	25.58	ug/L	100
34) Trichloroethene	9.029	95	95249	24.53	ug/L	100
35) Methylcyclohexane	9.276	83	148766	25.98	ug/L	100
37) 1,2-Dichloropropane	9.306	63	94756	24.94	ug/L	100
38) Bromodichloromethane	9.582	83	125720	25.28	ug/L	100
39) cis-1,3-Dichloropropene	10.017	75	143063	25.24	ug/L	100
40) 4-Methyl-2-pentanone	10.158	43	101124	52.41	ug/L	100
42) Toluene	10.335	91	399827	26.27	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	126501	25.85	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.729	97	77235	24.85	ug/L	100
46) Tetrachloroethene	10.811	164	86229	25.46	ug/L	100
48) 2-Hexanone	10.917	43	75626	53.56	ug/L	100
49) Dibromochloromethane	11.070	129	93766	25.39	ug/L	100
50) 1,2-Dibromoethane	11.176	107	73365	25.07	ug/L	100
51) Chlorobenzene	11.605	112	263435	25.32	ug/L	100
52) Ethylbenzene	11.682	91	432131	26.38	ug/L	100
53) m,p-Xylene	11.794	106	170901	26.98	ug/L	100
54) o-Xylene	12.117	106	160848	26.47	ug/L	100
55) Styrene	12.135	104	298214	27.53	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.670	83	90768	25.25	ug/L	100
59) Bromoform	12.294	173	64261	24.85	ug/L	100
60) Isopropylbenzene	12.417	105	432005	26.17	ug/L	100
61) 1,2,3-Trichloropropane	12.723	75	63291	24.76	ug/L	100
62) 1,3,5-Trimethylbenzene	12.899	105	338287	26.18	ug/L	100
63) 1,2,4-Trimethylbenzene	13.211	105	344052	26.84	ug/L	100
64) 1,3-Dichlorobenzene	13.452	146	217061	25.32	ug/L	100
65) 1,4-Dichlorobenzene	13.535	146	226620	25.43	ug/L	100
67) 1,2-Dichlorobenzene	13.829	146	199692	25.09	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.441	75	13920	23.98	ug/L	100
69) 1,3,5-Trichlorobenzene	14.588	180	146206	24.74	ug/L	100
70) 1,2,4-trichlorobenzene	15.093	180	122625	24.68	ug/L	100
71) Naphthalene	15.329	128	221952	25.04	ug/L	100
72) 1,2,3-Trichlorobenzene	15.517	180	116561	25.38	ug/L	100

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

