

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061825\
 Data File : VD080449.D
 Acq On : 18 Jun 2025 10:54
 Operator : RP/MD
 Sample : VSTD05085
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050885

Quant Time: Jun 19 08:38:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 19 08:34:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.782	114	222938	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.582	117	209463	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.517	152	119546	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	145626	37.76	ug/L	0.00
7) Chloroethane-d5	2.806	69	128003	39.11	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.923	65	54182	40.68	ug/L	0.00
21) 2-Butanone-d5	6.988	46	56903	83.93	ug/L	0.00
24) Chloroform-d	7.570	84	259826	39.94	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.229	65	132250	40.78	ug/L	0.00
32) Benzene-d6	8.205	84	522176	44.12	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.211	67	161496	42.57	ug/L	0.00
41) Toluene-d8	10.270	98	508934	45.58	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.523	79	70750	44.30	ug/L	0.00
47) 2-Hexanone-d5	10.876	63	53706	92.59	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	146214	43.13	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.811	152	185722	41.01	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	1.935	85	146469	41.32	ug/L	99
3) Chloromethane	2.147	50	132992	38.33	ug/L	98
5) Vinyl chloride	2.288	62	174378	42.40	ug/L	95
6) Bromomethane	2.694	94	108590	48.33	ug/L	98
8) Chloroethane	2.841	64	114067	41.32	ug/L	98
9) Trichlorofluoromethane	3.176	101	243546	44.21	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	152781	44.25	ug/L	99
12) 1,1-Dichloroethene	3.941	96	132142	44.55	ug/L	90
13) Acetone	4.023	43	43757	73.86	ug/L	74
14) Carbon disulfide	4.270	76	430111	43.07	ug/L	97
15) Methyl Acetate	4.564	43	59054	41.25	ug/L #	81
16) Methylene chloride	4.800	84	147128	30.46	ug/L	90
17) trans-1,2-Dichloroethene	5.311	96	147865	44.81	ug/L	93
18) Methyl tert-butyl Ether	5.317	73	298909	46.62	ug/L	99
19) 1,1-Dichloroethane	6.111	63	250197	43.63	ug/L	99
20) cis-1,2-Dichloroethene	7.082	96	161600	46.17	ug/L	95
22) 2-Butanone	7.082	43	73080	90.34	ug/L	100
23) Bromochloromethane	7.423	128	81088	44.74	ug/L	94
25) Chloroform	7.594	83	281595	43.85	ug/L	90
27) 1,2-Dichloroethane	8.323	62	162928	44.45	ug/L	99
29) Cyclohexane	7.882	56	241515	53.90	ug/L	99
30) 1,1,1-Trichloroethane	7.794	97	233239	45.47	ug/L	98
31) Carbon tetrachloride	7.994	117	219796	45.93	ug/L	100
33) Benzene	8.252	78	582367	46.55	ug/L	100
34) Trichloroethene	9.029	95	159624	45.64	ug/L	98
35) Methylcyclohexane	9.276	83	263177	51.12	ug/L	98
37) 1,2-Dichloropropane	9.305	63	155836	45.34	ug/L	99
38) Bromodichloromethane	9.582	83	202838	45.56	ug/L	99
39) cis-1,3-Dichloropropene	10.017	75	245326	48.07	ug/L	98
40) 4-Methyl-2-pentanone	10.158	43	175349	101.19	ug/L	98
42) Toluene	10.335	91	668214	48.79	ug/L	95
44) trans-1,3-Dichloropropene	10.552	75	213096	48.41	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.735	97	127351	45.41	ug/L	97
46) Tetrachloroethene	10.811	164	144338	47.09	ug/L	99
48) 2-Hexanone	10.917	43	125960	99.34	ug/L	96
49) Dibromochloromethane	11.070	129	154034	46.09	ug/L	100
50) 1,2-Dibromoethane	11.176	107	121528	45.88	ug/L #	95
51) Chlorobenzene	11.605	112	428287	45.80	ug/L	99
52) Ethylbenzene	11.682	91	732183	49.82	ug/L	99
53) m,p-Xylene	11.788	106	285082	50.14	ug/L	93
54) o-Xylene	12.117	106	274340	50.42	ug/L	97
55) Styrene	12.135	104	493336	50.87	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.670	83	149135	45.80	ug/L	96
59) Bromoform	12.299	173	105802	43.60	ug/L	99
60) Isopropylbenzene	12.417	105	743903	48.67	ug/L	99
61) 1,2,3-Trichloropropane	12.723	75	99478	41.73	ug/L	100
62) 1,3,5-Trimethylbenzene	12.899	105	587487	49.24	ug/L	99
63) 1,2,4-Trimethylbenzene	13.211	105	582903	49.42	ug/L	100
64) 1,3-Dichlorobenzene	13.458	146	353270	44.21	ug/L	99
65) 1,4-Dichlorobenzene	13.535	146	372156	44.84	ug/L	99
67) 1,2-Dichlorobenzene	13.829	146	325869	43.94	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.440	75	23485	43.49	ug/L	87
69) 1,3,5-Trichlorobenzene	14.587	180	243387	44.37	ug/L	99
70) 1,2,4-trichlorobenzene	15.093	180	205647	44.54	ug/L	99
71) Naphthalene	15.329	128	392994	47.91	ug/L	99
72) 1,2,3-Trichlorobenzene	15.517	180	197100	46.13	ug/L	99

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

