

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031825\
 Data File : VD080277.D
 Acq On : 18 Mar 2025 11:59
 Operator : RP/MD
 Sample : VSTD05073
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050873

Quant Time: Mar 24 09:11:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM031825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 24 09:08:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	182557	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	186521	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	90707	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	258212	42.95	ug/L	0.00
7) Chloroethane-d5	2.793	69	242676	45.31	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	60328	47.50	ug/L	0.01
21) 2-Butanone-d5	6.987	46	61201	94.45	ug/L	0.00
24) Chloroform-d	7.569	84	274602	48.78	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	154011	50.06	ug/L	0.00
32) Benzene-d6	8.198	84	547893	50.27	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	155020	44.09	ug/L	0.00
41) Toluene-d8	10.269	98	475824	48.37	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	72901	50.37	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	62902	123.63	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	149279	47.78	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	168698	53.09	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	1.934	85	164572	48.50	ug/L	99
3) Chloromethane	2.152	50	259292	47.29	ug/L	99
5) Vinyl chloride	2.275	62	346418	48.59	ug/L	96
6) Bromomethane	2.687	94	185600	50.03	ug/L	94
8) Chloroethane	2.828	64	229685	47.65	ug/L	99
9) Trichlorofluoromethane	3.163	101	262538	49.36	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.957	101	153121	48.75	ug/L	96
12) 1,1-Dichloroethene	3.934	96	137589	51.45	ug/L	89
13) Acetone	4.022	43	68049	100.29	ug/L	100
14) Carbon disulfide	4.263	76	504661	50.95	ug/L	100
15) Methyl Acetate	4.563	43	78459	51.77	ug/L	96
16) Methylene chloride	4.798	84	169052	47.27	ug/L	99
17) trans-1,2-Dichloroethene	5.304	96	155614	53.80	ug/L	95
18) Methyl tert-butyl Ether	5.322	73	362426	59.67	ug/L	99
19) 1,1-Dichloroethane	6.110	63	281145	48.96	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	148872	47.75	ug/L	98
22) 2-Butanone	7.081	43	81697	93.05	ug/L #	53
23) Bromochloromethane	7.422	128	70056	47.04	ug/L	97
25) Chloroform	7.592	83	301189	49.54	ug/L	99
27) 1,2-Dichloroethane	8.322	62	203367	53.57	ug/L	100
29) Cyclohexane	7.875	56	244443	55.66	ug/L	98
30) 1,1,1-Trichloroethane	7.787	97	230733	47.07	ug/L	99
31) Carbon tetrachloride	7.987	117	201729	46.89	ug/L	97
33) Benzene	8.251	78	631327	52.09	ug/L	100
34) Trichloroethene	9.028	95	148729	45.97	ug/L	97
35) Methylcyclohexane	9.275	83	236592	51.61	ug/L	95
37) 1,2-Dichloropropane	9.304	63	156026	44.37	ug/L	100
38) Bromodichloromethane	9.581	83	203110	45.51	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	248833	48.83	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	190524	102.40	ug/L	96
42) Toluene	10.333	91	650825	50.28	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	226610	53.25	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.733	97	138122	52.46	ug/L	99
46) Tetrachloroethene	10.810	164	122593	48.75	ug/L	95
48) 2-Hexanone	10.922	43	159366	120.58	ug/L	98
49) Dibromochloromethane	11.075	129	158849	53.37	ug/L	95
50) 1,2-Dibromoethane	11.175	107	125656	53.86	ug/L #	98
51) Chlorobenzene	11.604	112	457904	53.39	ug/L	98
52) Ethylbenzene	11.680	91	807424	57.26	ug/L	100
53) m,p-Xylene	11.792	106	291334	55.85	ug/L	98
54) o-Xylene	12.116	106	266517	53.82	ug/L	99
55) Styrene	12.133	104	495036	55.15	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.669	83	156332	49.04	ug/L	99
59) Bromoform	12.298	173	91045	54.19	ug/L	100
60) Isopropylbenzene	12.416	105	707862	57.96	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	108822	54.16	ug/L	99
62) 1,3,5-Trimethylbenzene	12.898	105	575597	59.83	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	572423	58.55	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	328728	53.87	ug/L	99
65) 1,4-Dichlorobenzene	13.533	146	345365	52.56	ug/L	99
67) 1,2-Dichlorobenzene	13.827	146	307927	54.59	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	25313	53.23	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	243206	60.60	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	198755	59.44	ug/L	100
71) Naphthalene	15.327	128	428800	68.26	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	177467	58.78	ug/L	98

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

