

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111925\
 Data File : VD080540.D
 Acq On : 19 Nov 2025 09:16
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Amit
 Patel

Quant Time: Nov 20 04:02:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111725S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 18 00:45:54 2025
 Response via : Initial Calibration

11/20/2025
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	265499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	437267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	357743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	157468	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	104805	47.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.020%
35) Dibromofluoromethane	7.806	113	125052	48.577	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.160%
50) Toluene-d8	10.270	98	506000	48.588	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.180%
62) 4-Bromofluorobenzene	12.570	95	138838	46.373	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	101440	51.267	ug/l	99
3) Chloromethane	2.147	50	157500	49.304	ug/l	99
4) Vinyl Chloride	2.288	62	197382	52.150	ug/l	97
5) Bromomethane	2.700	94	144267	51.407	ug/l	100
6) Chloroethane	2.841	64	138567	53.332	ug/l	98
7) Trichlorofluoromethane	3.182	101	231719	53.799	ug/l	94
8) Diethyl Ether	3.594	74	53441	45.020	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.970	101	143486	52.712	ug/l	97
10) Methyl Iodide	4.170	142	190639	54.468	ug/l	99
11) Tert butyl alcohol	5.047	59	26664	256.823	ug/l #	88
12) 1,1-Dichloroethene	3.947	96	144489	50.434	ug/l	97
13) Acrolein	3.800	56	40699	225.340	ug/l	96
14) Allyl chloride	4.565	41	210042	46.949	ug/l	94
15) Acrylonitrile	5.253	53	105062	219.274	ug/l	97
16) Acetone	4.023	43	70327	215.787	ug/l	90
17) Carbon Disulfide	4.276	76	448855	48.689	ug/l	99
18) Methyl Acetate	4.565	43	44573	44.471	ug/l	97
19) Methyl tert-butyl Ether	5.317	73	235705	46.411	ug/l	98
20) Methylene Chloride	4.800	84	157810	47.965	ug/l	95
21) trans-1,2-Dichloroethene	5.317	96	160813	50.337	ug/l	98
22) Diisopropyl ether	6.217	45	367642	45.476	ug/l	99
23) Vinyl Acetate	6.159	43	951502	226.015	ug/l	100
24) 1,1-Dichloroethane	6.117	63	268669	48.606	ug/l	99
25) 2-Butanone	7.082	43	110824	216.870	ug/l	93
26) 2,2-Dichloropropane	7.076	77	244799	51.494	ug/l	98
27) cis-1,2-Dichloroethene	7.082	96	183535	49.307	ug/l	98
28) Bromochloromethane	7.423	49	92305	45.631	ug/l	95
29) Tetrahydrofuran	7.447	42	71136	208.948	ug/l	95
30) Chloroform	7.594	83	269604	49.739	ug/l	100
31) Cyclohexane	7.876	56	250284	47.269	ug/l	99
32) 1,1,1-Trichloroethane	7.794	97	251057	52.724	ug/l	99
36) 1,1-Dichloropropene	8.006	75	208665	52.436	ug/l	98
37) Ethyl Acetate	7.170	43	52931	43.973	ug/l	98
38) Carbon Tetrachloride	7.994	117	220587	55.161	ug/l	95
39) Methylcyclohexane	9.276	83	278156	52.976	ug/l	97
40) Benzene	8.253	78	624297	50.664	ug/l	100

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41) Methacrylonitrile	7.400	41	33848	43.045	ug/l	98
42) 1,2-Dichloroethane	8.323	62	129789	50.470	ug/l	97
43) Isopropyl Acetate	8.358	43	104384	44.210	ug/l	96
44) Trichloroethene	9.029	130	162768	52.253	ug/l	96
45) 1,2-Dichloropropane	9.305	63	137720	48.817	ug/l	96
46) Dibromomethane	9.394	93	69670	50.065	ug/l	98
47) Bromodichloromethane	9.588	83	194009	51.624	ug/l	95
48) Methyl methacrylate	9.382	41	53884	45.973	ug/l	96
49) 1,4-Dioxane	9.382	88	12399	955.831	ug/l	98
51) 4-Methyl-2-Pentanone	10.158	43	246053	224.596	ug/l	100
52) Toluene	10.335	92	401314	51.499	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	163047	48.960	ug/l	97
54) cis-1,3-Dichloropropene	10.017	75	213231	49.646	ug/l	98
55) 1,1,2-Trichloroethane	10.735	97	87518	49.161	ug/l	96
56) Ethyl methacrylate	10.594	69	96418	46.939	ug/l	98
57) 1,3-Dichloropropane	10.876	76	151317	48.743	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.870	63	266734	231.430	ug/l	98
59) 2-Hexanone	10.917	43	173947	227.127	ug/l	95
60) Dibromochloromethane	11.070	129	120312	50.860	ug/l	100
61) 1,2-Dibromoethane	11.176	107	81969	47.870	ug/l	97
64) Tetrachloroethene	10.811	164	137990	53.624	ug/l	98
65) Chlorobenzene	11.605	112	419202	52.623	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.682	131	132771	53.291	ug/l	99
67) Ethyl Benzene	11.682	91	769431	53.288	ug/l	100
68) m/p-Xylenes	11.788	106	590576	106.947	ug/l	99
69) o-Xylene	12.117	106	271877	53.252	ug/l	97
70) Styrene	12.135	104	440019	52.219	ug/l	100
71) Bromoform	12.299	173	59905	51.471	ug/l #	99
73) Isopropylbenzene	12.417	105	729300	54.561	ug/l	99
74) N-amyl acetate	12.229	43	95323	46.007	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	79975	47.706	ug/l	95
76) 1,2,3-Trichloropropane	12.717	75	61077m	49.797	ug/l	
77) Bromobenzene	12.699	156	148776	52.436	ug/l	97
78) n-propylbenzene	12.758	91	868643	54.170	ug/l	99
79) 2-Chlorotoluene	12.846	91	464054	52.604	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	576988	54.605	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	29410	45.792	ug/l	94
82) 4-Chlorotoluene	12.946	91	470443	52.455	ug/l	100
83) tert-Butylbenzene	13.164	119	517857	54.504	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	559049	53.769	ug/l	99
85) sec-Butylbenzene	13.341	105	769420	54.698	ug/l	99
86) p-Isopropyltoluene	13.458	119	645679	55.352	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	302397	53.644	ug/l	100
88) 1,4-Dichlorobenzene	13.535	146	291790	52.935	ug/l	99
89) n-Butylbenzene	13.788	91	602802	54.192	ug/l	99
90) Hexachloroethane	14.052	117	119434	52.487	ug/l	98
91) 1,2-Dichlorobenzene	13.829	146	243337	52.232	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	10577	45.825	ug/l	96
93) 1,2,4-Trichlorobenzene	15.099	180	148124	51.486	ug/l	99
94) Hexachlorobutadiene	15.199	225	88394	55.178	ug/l	100
95) Naphthalene	15.329	128	228897	48.892	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	115634	49.613	ug/l	99

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

