

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
 Data File : VD080479.D
 Acq On : 26 Jun 2025 13:15
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD062625

Quant Time: Jun 27 05:19:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:36 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
 Supervised By :Semsettin Yesilyurt 06/27/2025

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	481134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	886281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	778328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	346534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	255007	54.064	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.120%			
35) Dibromofluoromethane	7.806	113	264729	53.342	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.680%			
50) Toluene-d8	10.270	98	1063636	53.052	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.100%			
62) 4-Bromofluorobenzene	12.570	95	347910	52.923	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	203255	47.520	ug/l	100
3) Chloromethane	2.147	50	301884	50.536	ug/l	100
4) Vinyl Chloride	2.288	62	310802	51.289	ug/l	98
5) Bromomethane	2.694	94	176713	52.762	ug/l	100
6) Chloroethane	2.841	64	194624	51.168	ug/l	97
7) Trichlorofluoromethane	3.176	101	378691	49.676	ug/l	97
8) Diethyl Ether	3.594	74	156302	52.672	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.970	101	252227	50.015	ug/l	99
10) Methyl Iodide	4.165	142	301448	50.760	ug/l	99
11) Tert butyl alcohol	5.047	59	102115	265.888	ug/l #	88
12) 1,1-Dichloroethene	3.941	96	271206	49.806	ug/l	96
13) Acrolein	3.800	56	134804	257.572	ug/l	99
14) Allyl chloride	4.565	41	481697	50.521	ug/l	99
15) Acrylonitrile	5.253	53	363054	257.145	ug/l	99
16) Acetone	4.018	43	303041	248.661	ug/l	98
17) Carbon Disulfide	4.270	76	886291	51.541	ug/l	99
18) Methyl Acetate	4.565	43	197084	53.166	ug/l	98
19) Methyl tert-butyl Ether	5.317	73	705175	52.110	ug/l	100
20) Methylene Chloride	4.806	84	337510	50.192	ug/l	98
21) trans-1,2-Dichloroethene	5.312	96	306526	50.469	ug/l	96
22) Diisopropyl ether	6.217	45	959244	52.106	ug/l	98
23) Vinyl Acetate	6.153	43	2728375	260.094	ug/l	99
24) 1,1-Dichloroethane	6.112	63	550898	50.999	ug/l	98
25) 2-Butanone	7.082	43	458120	256.118	ug/l	99
26) 2,2-Dichloropropane	7.076	77	428298	50.104	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	365597	50.352	ug/l	100
28) Bromochloromethane	7.423	49	224754	52.776	ug/l	96
29) Tetrahydrofuran	7.441	42	295007	261.790	ug/l	99
30) Chloroform	7.600	83	526972	50.963	ug/l	100
31) Cyclohexane	7.876	56	501523	47.915	ug/l	95
32) 1,1,1-Trichloroethane	7.794	97	432007	49.970	ug/l	99
36) 1,1-Dichloropropene	8.011	75	385487	49.735	ug/l	99
37) Ethyl Acetate	7.164	43	192111	50.997	ug/l	98
38) Carbon Tetrachloride	7.994	117	364445	49.214	ug/l	98
39) Methylcyclohexane	9.276	83	523657	49.071	ug/l	97
40) Benzene	8.253	78	1266675	50.918	ug/l	98

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41) Methacrylonitrile	7.394	41	119128	49.478	ug/l	96
42) 1,2-Dichloroethane	8.329	62	297019	50.753	ug/l	98
43) Isopropyl Acetate	8.358	43	378431	51.044	ug/l	99
44) Trichloroethene	9.029	130	301686	50.039	ug/l	99
45) 1,2-Dichloropropane	9.305	63	309116	51.235	ug/l	96
46) Dibromomethane	9.394	93	165913	51.577	ug/l	100
47) Bromodichloromethane	9.582	83	404283	50.694	ug/l	98
48) Methyl methacrylate	9.376	41	193276	51.534	ug/l	97
49) 1,4-Dioxane	9.382	88	41292	989.489	ug/l	99
51) 4-Methyl-2-Pentanone	10.158	43	982707	261.022	ug/l	100
52) Toluene	10.335	92	780127	50.174	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	410369	51.376	ug/l	98
54) cis-1,3-Dichloropropene	10.017	75	495761	51.665	ug/l	99
55) 1,1,2-Trichloroethane	10.729	97	224204	51.128	ug/l	98
56) Ethyl methacrylate	10.594	69	314867	50.304	ug/l	99
57) 1,3-Dichloropropane	10.876	76	394377	51.402	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	603150	252.306	ug/l	99
59) 2-Hexanone	10.917	43	691274	259.433	ug/l	100
60) Dibromochloromethane	11.070	129	275941	50.983	ug/l	100
61) 1,2-Dibromoethane	11.176	107	214640	51.192	ug/l	100
64) Tetrachloroethene	10.805	164	234455	48.534	ug/l	98
65) Chlorobenzene	11.605	112	830048	49.447	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.676	131	260476	49.372	ug/l	98
67) Ethyl Benzene	11.682	91	1447491	49.300	ug/l	99
68) m/p-Xylenes	11.788	106	1103286	98.680	ug/l	100
69) o-Xylene	12.117	106	530940	49.212	ug/l	99
70) Styrene	12.135	104	916402	50.217	ug/l	99
71) Bromoform	12.294	173	147855	49.208	ug/l #	100
73) Isopropylbenzene	12.417	105	1330714	49.398	ug/l	100
74) N-amyl acetate	12.229	43	358301	50.797	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	251982	50.234	ug/l	98
76) 1,2,3-Trichloropropane	12.723	75	149170m	50.639	ug/l	
77) Bromobenzene	12.699	156	303957	50.455	ug/l	100
78) n-propylbenzene	12.758	91	1600331	49.350	ug/l	100
79) 2-Chlorotoluene	12.846	91	924222	49.555	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	1075102	49.215	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	99075	49.979	ug/l	96
82) 4-Chlorotoluene	12.941	91	943406	49.247	ug/l	100
83) tert-Butylbenzene	13.164	119	939592	49.175	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	1081864	49.606	ug/l	99
85) sec-Butylbenzene	13.341	105	1381518	48.953	ug/l	100
86) p-Isopropyltoluene	13.458	119	1139272	48.782	ug/l	100
87) 1,3-Dichlorobenzene	13.452	146	579574	49.743	ug/l	100
88) 1,4-Dichlorobenzene	13.535	146	579887	49.862	ug/l	99
89) n-Butylbenzene	13.782	91	1098503	49.009	ug/l	100
90) Hexachloroethane	14.046	117	220308	48.825	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	511678	49.892	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.446	75	36877	48.744	ug/l	98
93) 1,2,4-Trichlorobenzene	15.093	180	328868	51.178	ug/l	100
94) Hexachlorobutadiene	15.199	225	143527	48.384	ug/l	99
95) Naphthalene	15.329	128	725465	50.809	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	285289	51.633	ug/l	99

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

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