

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT120825\
 Data File : VT019247.D
 Acq On : 8 Dec 2025 15:30
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_T/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 ICVVT120825

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2025
 Supervised By :Mahesh Dadoda 12/11/2025

Quant Time: Dec 09 01:17:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T120825S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 09 01:13:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.542	168	219220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.541	114	373442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.714	117	321292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.923	152	136427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.930	65	131624	46.619	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	93.240%		
35) Dibromofluoromethane	7.460	113	106412	48.391	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	96.780%		
50) Toluene-d8	10.215	98	458538	47.469	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	94.940%		
62) 4-Bromofluorobenzene	12.848	95	143926	50.403	ug/l	0.00
Spiked Amount 50.000	Range 52 - 138		Recovery =	100.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.866	85	95493m	43.668	ug/l	
3) Chloromethane	2.060	50	155567m	44.988	ug/l	
4) Vinyl Chloride	2.183	62	171190	47.230	ug/l	98
5) Bromomethane	2.530	94	131901	48.392	ug/l	97
6) Chloroethane	2.665	64	140210	48.798	ug/l	98
7) Trichlorofluoromethane	2.965	101	254533	47.294	ug/l	99
8) Diethyl Ether	3.329	74	96921	46.855	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.658	101	152071	48.293	ug/l	97
10) Methyl Iodide	3.840	142	146837	52.987	ug/l	98
11) Tert butyl alcohol	4.639	59	74101	241.534	ug/l	100
12) 1,1-Dichloroethene	3.635	96	151151	46.819	ug/l	96
13) Acrolein	3.517	56	7935	85.576	ug/l	96
14) Allyl chloride	4.181	41	302819	48.455	ug/l	99
15) Acrylonitrile	4.810	53	232062	266.036	ug/l	99
16) Acetone	3.711	43	307833	252.100	ug/l	99
17) Carbon Disulfide	3.934	76	447666	47.431	ug/l	98
18) Methyl Acetate	4.187	43	144030m	59.501	ug/l	
19) Methyl tert-butyl Ether	4.868	73	445363	52.953	ug/l	100
20) Methylene Chloride	4.398	84	199909	53.193	ug/l	100
21) trans-1,2-Dichloroethene	4.857	96	160160	51.805	ug/l	96
22) Diisopropyl ether	5.767	45	528589	49.389	ug/l	99
23) Vinyl Acetate	5.703	43	1180657	253.709	ug/l	100
24) 1,1-Dichloroethane	5.656	63	273207	49.030	ug/l	99
25) 2-Butanone	6.661	43	258109	207.561	ug/l	98
26) 2,2-Dichloropropane	6.643	77	207216	50.890	ug/l	98
27) cis-1,2-Dichloroethene	6.649	96	157508	48.771	ug/l	99
28) Bromochloromethane	7.031	49	119956	48.467	ug/l	98
29) Tetrahydrofuran	7.060	42	155930	252.186	ug/l	99
30) Chloroform	7.225	83	240348	47.953	ug/l	98
31) Cyclohexane	7.518	56	262543	46.389	ug/l	98
32) 1,1,1-Trichloroethane	7.430	97	199434	49.510	ug/l	99
36) 1,1-Dichloropropene	7.671	75	187161	48.407	ug/l	99
37) Ethyl Acetate	6.760	43	98717	49.841	ug/l	98
38) Carbon Tetrachloride	7.653	117	147655	52.338	ug/l	96
39) Methylcyclohexane	9.081	83	258967	50.087	ug/l	99
40) Benzene	7.941	78	589973	48.804	ug/l	100

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41) Methacrylonitrile	7.013	41	52250	48.093	ug/l	96
42) 1,2-Dichloroethane	8.035	62	152743	49.311	ug/l	99
43) Isopropyl Acetate	8.082	43	193528	52.238	ug/l	98
44) Trichloroethene	8.811	130	123825	48.712	ug/l	95
45) 1,2-Dichloropropane	9.128	63	140536	49.948	ug/l	99
46) Dibromomethane	9.228	93	65500	51.166	ug/l	98
47) Bromodichloromethane	9.446	83	176218	51.078	ug/l	97
48) Methyl methacrylate	9.222	41	93479	52.884	ug/l	100
49) 1,4-Dioxane	9.222	88	21950	959.115	ug/l	94
51) 4-Methyl-2-Pentanone	10.098	43	462402	253.166	ug/l	100
52) Toluene	10.292	92	362196	49.893	ug/l	99
53) t-1,3-Dichloropropene	10.550	75	168692	53.930	ug/l	100
54) cis-1,3-Dichloropropene	9.933	75	204131	51.583	ug/l	96
55) 1,1,2-Trichloroethane	10.756	97	92599	50.541	ug/l	98
56) Ethyl methacrylate	10.603	69	134222	54.354	ug/l	99
57) 1,3-Dichloropropane	10.914	76	171441	50.600	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.775	63	236436	59.063	ug/l	100
59) 2-Hexanone	10.967	43	327263	222.953	ug/l	99
60) Dibromochloromethane	11.138	129	101705	52.820	ug/l	99
61) 1,2-Dibromoethane	11.255	107	80300	52.059	ug/l	98
64) Tetrachloroethene	10.832	164	114157	47.436	ug/l	95
65) Chlorobenzene	11.743	112	356976	48.546	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.831	131	104384	49.578	ug/l	99
67) Ethyl Benzene	11.831	91	679758	48.023	ug/l	99
68) m/p-Xylenes	11.954	106	514940	94.608	ug/l	99
69) o-Xylene	12.330	106	248026	48.138	ug/l	99
70) Styrene	12.348	104	412750	47.921	ug/l	100
71) Bromoform	12.536	173	44412	44.748	ug/l #	99
73) Isopropylbenzene	12.671	105	587569	48.822	ug/l	98
74) N-amyl acetate	12.466	43	115971	52.281	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.959	83	93164	50.086	ug/l	98
76) 1,2,3-Trichloropropane	13.018	75	66646m	46.740	ug/l	
77) Bromobenzene	12.994	156	128682	51.845	ug/l	98
78) n-propylbenzene	13.059	91	667954	47.097	ug/l	100
79) 2-Chlorotoluene	13.159	91	380229	47.675	ug/l	99
80) 1,3,5-Trimethylbenzene	13.218	105	453096	48.730	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.730	75	25241	46.276	ug/l	98
82) 4-Chlorotoluene	13.271	91	391379	46.863	ug/l	99
83) tert-Butylbenzene	13.517	119	411695	49.310	ug/l	99
84) 1,2,4-Trimethylbenzene	13.570	105	501614	53.258	ug/l	96
85) sec-Butylbenzene	13.723	105	629463	50.105	ug/l	100
86) p-Isopropyltoluene	13.852	119	539779	50.957	ug/l	99
87) 1,3-Dichlorobenzene	13.852	146	253815	49.269	ug/l	99
88) 1,4-Dichlorobenzene	13.940	146	235080	48.029	ug/l	99
89) n-Butylbenzene	14.222	91	503367	50.401	ug/l	98
90) Hexachloroethane	14.534	117	71198	54.403	ug/l	100
91) 1,2-Dichlorobenzene	14.275	146	210175	47.668	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.980	75	13730	58.097	ug/l	95
93) 1,2,4-Trichlorobenzene	15.756	180	144658	49.965	ug/l	99
94) Hexachlorobutadiene	15.891	225	73035	49.250	ug/l	98
95) Naphthalene	16.050	128	248585	47.957	ug/l	99
96) 1,2,3-Trichlorobenzene	16.279	180	116815	47.185	ug/l	98

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

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