

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082925\
 Data File : VY023250.D
 Acq On : 29 Aug 2025 16:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/03/2025
 Supervised By :Mahesh Dadoda 09/03/2025

Quant Time: Aug 30 01:24:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	391392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	603130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	552656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	297811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	195061	52.292	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.580%	
35) Dibromofluoromethane	7.634	113	203916	56.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.000%	
50) Toluene-d8	10.103	98	792991	56.246	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.500%	
62) 4-Bromofluorobenzene	12.401	95	255786	56.414	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.820%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	130778	40.935	ug/l	98
3) Chloromethane	2.068	50	239397	46.265	ug/l	99
4) Vinyl Chloride	2.202	62	311706	48.732	ug/l	100
5) Bromomethane	2.592	94	244768	51.239	ug/l	100
6) Chloroethane	2.732	64	221817	52.162	ug/l	98
7) Trichlorofluoromethane	3.055	101	384137	49.390	ug/l	99
8) Diethyl Ether	3.452	74	106010	51.518	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.811	101	196806	51.290	ug/l	98
10) Methyl Iodide	4.000	142	226619	54.732	ug/l	97
11) Tert butyl alcohol	4.860	59	64981	254.237	ug/l	99
12) 1,1-Dichloroethene	3.787	96	188393	49.950	ug/l	98
13) Acrolein	3.653	56	22005	58.787	ug/l	100
14) Allyl chloride	4.378	41	257379	46.377	ug/l	98
15) Acrylonitrile	5.055	53	217502	259.994	ug/l	100
16) Acetone	3.866	43	184052	227.749	ug/l	98
17) Carbon Disulfide	4.104	76	566965	46.103	ug/l	100
18) Methyl Acetate	4.384	43	120038	49.914	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	501974	51.361	ug/l	99
20) Methylene Chloride	4.616	84	257353	61.933	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	222685	52.539	ug/l	95
22) Diisopropyl ether	6.018	45	603855	50.073	ug/l	96
23) Vinyl Acetate	5.957	43	1644171	246.565	ug/l	98
24) 1,1-Dichloroethane	5.915	63	381227	51.705	ug/l	99
25) 2-Butanone	6.896	43	265314	241.393	ug/l	95
26) 2,2-Dichloropropane	6.884	77	314790	49.479	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	263526	53.781	ug/l	95
28) Bromochloromethane	7.244	49	154295	52.747	ug/l	90
29) Tetrahydrofuran	7.262	42	170749	250.628	ug/l	95
30) Chloroform	7.420	83	416701	54.800	ug/l	94
31) Cyclohexane	7.701	56	309519	44.548	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	359980	53.353	ug/l	100
36) 1,1-Dichloropropene	7.835	75	282143	52.605	ug/l	98
37) Ethyl Acetate	6.988	43	117343	52.083	ug/l	98
38) Carbon Tetrachloride	7.817	117	323988	55.617	ug/l	99
39) Methylcyclohexane	9.109	83	355849	50.383	ug/l	97
40) Benzene	8.079	78	905077	54.751	ug/l	100

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41) Methacrylonitrile	7.225	41	69698	53.603	ug/l	97
42) 1,2-Dichloroethane	8.158	62	231101	53.753	ug/l	99
43) Isopropyl Acetate	8.195	43	234836	51.570	ug/l	96
44) Trichloroethene	8.865	130	250728	58.692	ug/l	99
45) 1,2-Dichloropropane	9.140	63	208094	54.710	ug/l	100
46) Dibromomethane	9.231	93	127180	58.256	ug/l	98
47) Bromodichloromethane	9.420	83	322637	57.435	ug/l	99
48) Methyl methacrylate	9.219	41	110195	50.570	ug/l	93
49) 1,4-Dioxane	9.225	88	28476	1112.441	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	637020	271.197	ug/l	98
52) Toluene	10.170	92	592348	56.419	ug/l	100
53) t-1,3-Dichloropropene	10.389	75	275385	54.137	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	326995	54.362	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	170946	58.518	ug/l	98
56) Ethyl methacrylate	10.438	69	209256	55.980	ug/l	97
57) 1,3-Dichloropropane	10.719	76	276352	55.781	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	512110	290.440	ug/l	96
59) 2-Hexanone	10.761	43	426235	266.487	ug/l	99
60) Dibromochloromethane	10.908	129	234130	60.741	ug/l	98
61) 1,2-Dibromoethane	11.011	107	159115	57.952	ug/l	100
64) Tetrachloroethene	10.645	164	321397	65.128	ug/l	98
65) Chlorobenzene	11.438	112	648549	54.405	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	228656	56.517	ug/l	99
67) Ethyl Benzene	11.517	91	1103084	53.771	ug/l	99
68) m/p-Xylenes	11.627	106	879926	109.823	ug/l	97
69) o-Xylene	11.950	106	413702	55.129	ug/l	99
70) Styrene	11.968	104	696495	56.754	ug/l	99
71) Bromoform	12.127	173	136204	57.602	ug/l	98
73) Isopropylbenzene	12.255	105	1065323	50.683	ug/l	99
74) N-amyl acetate	12.066	43	203384	45.627	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	164936	45.956	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	155458m	54.088	ug/l	
77) Bromobenzene	12.529	156	261963	52.241	ug/l	96
78) n-propylbenzene	12.590	91	1264131	50.515	ug/l	99
79) 2-Chlorotoluene	12.676	91	721188	50.299	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	873993	51.449	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	55387	46.648	ug/l	99
82) 4-Chlorotoluene	12.773	91	744595	50.060	ug/l	98
83) tert-Butylbenzene	12.993	119	787633	51.336	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	867970	51.328	ug/l	98
85) sec-Butylbenzene	13.169	105	1157684	51.366	ug/l	99
86) p-Isopropyltoluene	13.285	119	976690	52.208	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	523728	52.962	ug/l	97
88) 1,4-Dichlorobenzene	13.364	146	508247	51.812	ug/l	99
89) n-Butylbenzene	13.614	91	867427	50.484	ug/l	99
90) Hexachloroethane	13.877	117	202894	52.979	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	456248	52.609	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	28085	50.260	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	264231	51.521	ug/l	99
94) Hexachlorobutadiene	15.023	225	157485	52.257	ug/l	99
95) Naphthalene	15.139	128	456072	52.151	ug/l	100
96) 1,2,3-Trichlorobenzene	15.321	180	234854	53.143	ug/l	100

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

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