

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
 Data File : VY023135.D
 Acq On : 15 Aug 2025 19:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 18 02:33:49 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
 Supervised By :Mahesh Dadoda 08/19/2025

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	430308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	718703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	640791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	327055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	209678	51.127	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.260%			
35) Dibromofluoromethane	7.628	113	208578	48.501	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.000%			
50) Toluene-d8	10.103	98	835617	49.738	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.480%			
62) 4-Bromofluorobenzene	12.402	95	266231	49.275	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	121628	34.628	ug/l	99
3) Chloromethane	2.068	50	257975	45.346	ug/l	97
4) Vinyl Chloride	2.202	62	345536	49.135	ug/l	99
5) Bromomethane	2.592	94	270785	51.559	ug/l	100
6) Chloroethane	2.733	64	241433	51.640	ug/l	99
7) Trichlorofluoromethane	3.050	101	396172	46.330	ug/l	97
8) Diethyl Ether	3.452	74	102249	45.197	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.806	101	180286	42.736	ug/l	99
10) Methyl Iodide	4.001	142	223871	49.178	ug/l	98
11) Tert butyl alcohol	4.854	59	58084	206.701	ug/l	98
12) 1,1-Dichloroethene	3.781	96	187457	45.207	ug/l	96
13) Acrolein	3.653	56	58421	141.959	ug/l	98
14) Allyl chloride	4.379	41	274900	45.054	ug/l	98
15) Acrylonitrile	5.055	53	207991	226.140	ug/l	99
16) Acetone	3.866	43	150363	169.235	ug/l	99
17) Carbon Disulfide	4.098	76	597944	44.225	ug/l	99
18) Methyl Acetate	4.385	43	154996	58.622	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	498217	46.367	ug/l	100
20) Methylene Chloride	4.610	84	221392	47.835	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	223573	47.978	ug/l	95
22) Diisopropyl ether	6.019	45	632885	47.734	ug/l	98
23) Vinyl Acetate	5.958	43	1530852	208.809	ug/l	100
24) 1,1-Dichloroethane	5.909	63	385922	47.608	ug/l	99
25) 2-Butanone	6.890	43	242030	200.293	ug/l	97
26) 2,2-Dichloropropane	6.884	77	296658	42.412	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	260875	48.425	ug/l	98
28) Bromochloromethane	7.244	49	159803	49.690	ug/l	99
29) Tetrahydrofuran	7.262	42	164833	220.064	ug/l	99
30) Chloroform	7.421	83	409239	48.951	ug/l	96
31) Cyclohexane	7.701	56	317051	41.505	ug/l	99
32) 1,1,1-Trichloroethane	7.610	97	353516	47.657	ug/l	98
36) 1,1-Dichloropropene	7.829	75	286083	44.762	ug/l	99
37) Ethyl Acetate	6.982	43	113967	42.450	ug/l	99
38) Carbon Tetrachloride	7.817	117	313598	45.177	ug/l	97
39) Methylcyclohexane	9.109	83	357877	42.522	ug/l	96
40) Benzene	8.073	78	916243	46.514	ug/l	99

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41) Methacrylonitrile	7.220	41	64946	41.916	ug/l	96
42) 1,2-Dichloroethane	8.152	62	234175	45.709	ug/l	98
43) Isopropyl Acetate	8.195	43	235882	43.470	ug/l	100
44) Trichloroethene	8.860	130	241977	47.535	ug/l	97
45) 1,2-Dichloropropane	9.140	63	211470	46.657	ug/l	100
46) Dibromomethane	9.225	93	119663	45.999	ug/l	98
47) Bromodichloromethane	9.420	83	310859	46.439	ug/l	98
48) Methyl methacrylate	9.219	41	117614	45.295	ug/l	98
49) 1,4-Dioxane	9.225	88	27514	902.014	ug/l	92
51) 4-Methyl-2-Pentanone	9.993	43	615423	219.870	ug/l	100
52) Toluene	10.164	92	591580	47.285	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	274370	45.264	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	325037	45.347	ug/l	100
55) 1,1,2-Trichloroethane	10.567	97	157893	45.358	ug/l	97
56) Ethyl methacrylate	10.438	69	201789	45.302	ug/l	98
57) 1,3-Dichloropropane	10.713	76	269094	45.582	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	520841	247.890	ug/l	99
59) 2-Hexanone	10.756	43	403176	211.536	ug/l	100
60) Dibromochloromethane	10.908	129	211553	46.058	ug/l	100
61) 1,2-Dibromoethane	11.012	107	148382	45.352	ug/l	99
64) Tetrachloroethene	10.646	164	297964	52.075	ug/l	98
65) Chlorobenzene	11.438	112	640496	46.339	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.511	131	219895	46.876	ug/l	99
67) Ethyl Benzene	11.511	91	1124279	47.266	ug/l	99
68) m/p-Xylenes	11.621	106	878925	94.610	ug/l	99
69) o-Xylene	11.950	106	412282	47.384	ug/l	98
70) Styrene	11.963	104	693511	48.738	ug/l	100
71) Bromoform	12.127	173	117595	42.892	ug/l	98
73) Isopropylbenzene	12.249	105	1067182	46.232	ug/l	100
74) N-amyl acetate	12.066	43	201534	41.170	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.499	83	150140	38.093	ug/l	98
76) 1,2,3-Trichloropropane	12.548	75	131604m	41.694	ug/l	
77) Bromobenzene	12.523	156	242744	44.080	ug/l	98
78) n-propylbenzene	12.591	91	1280468	46.593	ug/l	100
79) 2-Chlorotoluene	12.676	91	728787	46.284	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	870525	46.663	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	51688	39.640	ug/l	98
82) 4-Chlorotoluene	12.773	91	754599	46.196	ug/l	100
83) tert-Butylbenzene	12.993	119	778117	46.181	ug/l	100
84) 1,2,4-Trimethylbenzene	13.036	105	879311	47.349	ug/l	100
85) sec-Butylbenzene	13.170	105	1156161	46.712	ug/l	99
86) p-Isopropyltoluene	13.286	119	972014	47.312	ug/l	99
87) 1,3-Dichlorobenzene	13.279	146	493403	45.434	ug/l	99
88) 1,4-Dichlorobenzene	13.359	146	482971	44.832	ug/l	99
89) n-Butylbenzene	13.609	91	886753	46.994	ug/l	99
90) Hexachloroethane	13.877	117	193098	45.913	ug/l	97
91) 1,2-Dichlorobenzene	13.651	146	431633	45.320	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	25801	42.044	ug/l	98
93) 1,2,4-Trichlorobenzene	14.913	180	236226	41.942	ug/l	99
94) Hexachlorobutadiene	15.017	225	137786	41.632	ug/l	99
95) Naphthalene	15.139	128	413036	43.007	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	205156	42.272	ug/l	98

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

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