

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062025\
 Data File : VY022759.D
 Acq On : 20 Jun 2025 11:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/23/2025
 Supervised By :Semsettin Yesilyurt 06/23/2025

Quant Time: Jun 21 02:37:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	123736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	214449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	185838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	86968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	75902	54.846	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.700%			
35) Dibromofluoromethane	7.640	113	68780	53.734	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.460%			
50) Toluene-d8	10.109	98	271137	52.424	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.840%			
62) 4-Bromofluorobenzene	12.408	95	78446	50.906	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	47514	42.890	ug/l	96
3) Chloromethane	2.068	50	163928	50.089	ug/l	97
4) Vinyl Chloride	2.208	62	195940	51.609	ug/l	99
5) Bromomethane	2.598	94	218729	60.108	ug/l	96
6) Chloroethane	2.739	64	159524	61.216	ug/l	96
7) Trichlorofluoromethane	3.050	101	168745	52.355	ug/l	95
8) Diethyl Ether	3.464	74	38089	52.475	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.824	101	70805	52.160	ug/l	96
10) Methyl Iodide	4.007	142	80049	54.491	ug/l	99
11) Tert butyl alcohol	4.897	59	21957	222.138	ug/l #	73
12) 1,1-Dichloroethene	3.787	96	65784	50.698	ug/l	98
13) Acrolein	3.659	56	7598	61.680	ug/l	92
14) Allyl chloride	4.385	41	101891	50.020	ug/l	97
15) Acrylonitrile	5.067	53	87021	283.080	ug/l	99
16) Acetone	3.885	43	67097	238.734	ug/l	98
17) Carbon Disulfide	4.110	76	199103	47.928	ug/l	98
18) Methyl Acetate	4.391	43	52654	63.265	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	195804	53.575	ug/l	97
20) Methylene Chloride	4.616	84	79009	49.489	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	77406	53.301	ug/l	99
22) Diisopropyl ether	6.025	45	247731	54.636	ug/l	97
23) Vinyl Acetate	5.964	43	693549	258.432	ug/l	99
24) 1,1-Dichloroethane	5.921	63	150229	56.241	ug/l	99
25) 2-Butanone	6.902	43	105485	260.197	ug/l	92
26) 2,2-Dichloropropane	6.896	77	128214	54.325	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	95573	56.937	ug/l	99
28) Bromochloromethane	7.250	49	65139	55.943	ug/l	98
29) Tetrahydrofuran	7.268	42	69681	266.494	ug/l	99
30) Chloroform	7.421	83	154763	58.495	ug/l	92
31) Cyclohexane	7.707	56	122079	45.907	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	128958	54.907	ug/l	98
36) 1,1-Dichloropropene	7.835	75	107781	51.881	ug/l	99
37) Ethyl Acetate	6.994	43	50590	54.607	ug/l	100
38) Carbon Tetrachloride	7.823	117	112010	52.558	ug/l	99
39) Methylcyclohexane	9.109	83	131761	47.196	ug/l	98
40) Benzene	8.085	78	335825	54.731	ug/l	98

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41) Methacrylonitrile	7.220	41	28209	52.129	ug/l	96
42) 1,2-Dichloroethane	8.158	62	94562	56.442	ug/l	99
43) Isopropyl Acetate	8.201	43	104531	52.243	ug/l	99
44) Trichloroethene	8.866	130	78984	52.668	ug/l	98
45) 1,2-Dichloropropane	9.146	63	81507	56.207	ug/l	99
46) Dibromomethane	9.237	93	46093	56.499	ug/l	98
47) Bromodichloromethane	9.426	83	117025	56.571	ug/l	93
48) Methyl methacrylate	9.225	41	47968	51.081	ug/l	95
49) 1,4-Dioxane	9.244	88	8908	921.671	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	276238	276.913	ug/l	98
52) Toluene	10.170	92	210816	54.672	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	103559	53.430	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	123390	54.689	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	58563	56.296	ug/l	97
56) Ethyl methacrylate	10.438	69	79161	52.650	ug/l	99
57) 1,3-Dichloropropane	10.719	76	103425	56.094	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	176024	257.858	ug/l	99
59) 2-Hexanone	10.762	43	176910	265.168	ug/l	99
60) Dibromochloromethane	10.914	129	74490	56.346	ug/l	99
61) 1,2-Dibromoethane	11.018	107	53343	56.260	ug/l	95
64) Tetrachloroethene	10.646	164	93823	58.691	ug/l	95
65) Chlorobenzene	11.444	112	222536	54.114	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	76667	55.341	ug/l	100
67) Ethyl Benzene	11.518	91	403261	52.869	ug/l	98
68) m/p-Xylenes	11.627	106	305785	105.752	ug/l	99
69) o-Xylene	11.956	106	145896	53.816	ug/l	98
70) Styrene	11.969	104	242896	54.203	ug/l	98
71) Bromoform	12.133	173	39279	53.281	ug/l #	96
73) Isopropylbenzene	12.255	105	372381	52.154	ug/l	100
74) N-amyl acetate	12.072	43	90257	50.099	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	63220	53.948	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	49765m	50.018	ug/l	
77) Bromobenzene	12.530	156	80957	53.730	ug/l	98
78) n-propylbenzene	12.597	91	458691	52.597	ug/l	99
79) 2-Chlorotoluene	12.682	91	244480	52.894	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	295925	52.791	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	20314	49.306	ug/l	98
82) 4-Chlorotoluene	12.779	91	253223	53.107	ug/l	99
83) tert-Butylbenzene	12.999	119	262188	52.113	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	298028	53.157	ug/l	100
85) sec-Butylbenzene	13.176	105	399404	51.835	ug/l	100
86) p-Isopropyltoluene	13.292	119	335668	52.850	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	166852	54.656	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	157250	53.109	ug/l	99
89) n-Butylbenzene	13.615	91	315006	52.275	ug/l	99
90) Hexachloroethane	13.877	117	67558	54.637	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	142462	54.964	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9466	55.481	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	75453	53.376	ug/l	98
94) Hexachlorobutadiene	15.023	225	41381	53.038	ug/l	99
95) Naphthalene	15.145	128	146248	53.912	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	65146	53.774	ug/l	99

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

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