

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022117.D
 Acq On : 01 May 2025 19:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/05/2025
 Supervised By : Mahesh Dadoda 05/05/2025

Quant Time: May 02 01:33:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	521492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	787920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	699813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	359809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	221116	45.904	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.800%		
35) Dibromofluoromethane	7.634	113	256764	49.326	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.660%		
50) Toluene-d8	10.103	98	931345	47.459	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.920%		
62) 4-Bromofluorobenzene	12.408	95	328413	49.712	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	205368	46.216	ug/l	98
3) Chloromethane	2.062	50	246211	38.913	ug/l	99
4) Vinyl Chloride	2.202	62	296536	38.138	ug/l	96
5) Bromomethane	2.592	94	237142	35.401	ug/l	97
6) Chloroethane	2.732	64	198382	37.464	ug/l	99
7) Trichlorofluoromethane	3.056	101	452303	44.115	ug/l	98
8) Diethyl Ether	3.452	74	136732	51.237	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	257501	46.298	ug/l	95
10) Methyl Iodide	4.000	142	366613	56.932	ug/l	99
11) Tert butyl alcohol	4.878	59	74045	280.001	ug/l #	70
12) 1,1-Dichloroethene	3.787	96	258167	49.799	ug/l	99
13) Acrolein	3.653	56	71532	150.711	ug/l	96
14) Allyl chloride	4.385	41	294514	48.790	ug/l	99
15) Acrylonitrile	5.061	53	237923	243.537	ug/l	99
16) Acetone	3.872	43	161612	256.915	ug/l	96
17) Carbon Disulfide	4.104	76	737311	44.605	ug/l	98
18) Methyl Acetate	4.385	43	172304	76.576	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	630581	54.345	ug/l	98
20) Methylene Chloride	4.616	84	278578	45.737	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	279047	48.062	ug/l	99
22) Diisopropyl ether	6.018	45	659731	49.111	ug/l	97
23) Vinyl Acetate	5.964	43	1612308	222.703	ug/l	99
24) 1,1-Dichloroethane	5.915	63	442840	47.559	ug/l	97
25) 2-Butanone	6.896	43	259941	236.741	ug/l	100
26) 2,2-Dichloropropane	6.884	77	361120	44.248	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	323676	49.858	ug/l	97
28) Bromochloromethane	7.244	49	157867	43.649	ug/l	86
29) Tetrahydrofuran	7.262	42	173842	243.773	ug/l	94
30) Chloroform	7.421	83	494257	47.854	ug/l	98
31) Cyclohexane	7.701	56	338310	42.487	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	445983	47.728	ug/l	98
36) 1,1-Dichloropropene	7.835	75	323237	46.228	ug/l	98
37) Ethyl Acetate	6.988	43	118152	47.048	ug/l	97
38) Carbon Tetrachloride	7.817	117	405212	48.498	ug/l	99
39) Methylcyclohexane	9.109	83	412692	46.900	ug/l	99
40) Benzene	8.079	78	1047462	47.922	ug/l	100

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41) Methacrylonitrile	7.213	41	71615	52.167	ug/l	96
42) 1,2-Dichloroethane	8.158	62	260898	48.211	ug/l	99
43) Isopropyl Acetate	8.195	43	239777	49.718	ug/l	98
44) Trichloroethene	8.865	130	300752	49.676	ug/l	98
45) 1,2-Dichloropropane	9.140	63	226402	46.838	ug/l	100
46) Dibromomethane	9.231	93	146196	48.316	ug/l	93
47) Bromodichloromethane	9.420	83	370965	49.076	ug/l	98
48) Methyl methacrylate	9.219	41	114638	51.420	ug/l	95
49) 1,4-Dioxane	9.231	88	31705	983.083	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	636116	251.616	ug/l	99
52) Toluene	10.170	92	691233	48.855	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	315674	48.687	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	370153	48.026	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	199643	49.394	ug/l	98
56) Ethyl methacrylate	10.438	69	245334	53.079	ug/l	100
57) 1,3-Dichloropropane	10.719	76	314000	48.460	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	597172	264.249	ug/l	96
59) 2-Hexanone	10.761	43	425582	255.220	ug/l	100
60) Dibromochloromethane	10.908	129	278863	49.834	ug/l	99
61) 1,2-Dibromoethane	11.011	107	194344	50.932	ug/l	98
64) Tetrachloroethene	10.646	164	335593	50.834	ug/l	95
65) Chlorobenzene	11.438	112	777130	49.658	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	281882	51.163	ug/l	99
67) Ethyl Benzene	11.517	91	1345250	52.548	ug/l	100
68) m/p-Xylenes	11.627	106	1127340	110.666	ug/l	99
69) o-Xylene	11.956	106	546612	58.218	ug/l	100
70) Styrene	11.969	104	823742	52.252	ug/l	99
71) Bromoform	12.133	173	173918	54.295	ug/l #	99
73) Isopropylbenzene	12.255	105	1281382	53.304	ug/l	99
74) N-amyl acetate	12.072	43	211359	51.175	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	200173	49.390	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	144676m	46.943	ug/l	
77) Bromobenzene	12.529	156	332638	54.761	ug/l	95
78) n-propylbenzene	12.597	91	1527021	53.341	ug/l	98
79) 2-Chlorotoluene	12.682	91	894301	53.716	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	1159172	58.524	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	61847	48.326	ug/l	97
82) 4-Chlorotoluene	12.773	91	869601	50.246	ug/l	99
83) tert-Butylbenzene	12.999	119	966767	54.424	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1519729	76.710	ug/l	100
85) sec-Butylbenzene	13.176	105	1351064	51.976	ug/l	98
86) p-Isopropyltoluene	13.291	119	1160013	52.554	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	615228	49.868	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	600771	49.168	ug/l	99
89) n-Butylbenzene	13.615	91	1065863	54.024	ug/l	95
90) Hexachloroethane	13.877	117	246817	50.895	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	548661	50.989	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	34086	52.862	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	343857	56.392	ug/l	93
94) Hexachlorobutadiene	15.023	225	201855	53.804	ug/l	99
95) Naphthalene	15.145	128	762911	75.318	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	306850	58.297	ug/l	91

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

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