

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
 Data File : VY021951.D
 Acq On : 21 Apr 2025 16:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2025
 Supervised By :Mahesh Dadoda 04/22/2025

Quant Time: Apr 22 02:46:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	178246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	272994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	251061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	136832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96850	50.149	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.300%			
35) Dibromofluoromethane	7.634	113	92651	52.320	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.640%			
50) Toluene-d8	10.109	98	353497	52.472	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.940%			
62) 4-Bromofluorobenzene	12.408	95	124822	54.777	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	72565	39.278	ug/l	99
3) Chloromethane	2.068	50	120614	46.429	ug/l	99
4) Vinyl Chloride	2.202	62	132036	44.942	ug/l	99
5) Bromomethane	2.599	94	101638	50.724	ug/l	99
6) Chloroethane	2.733	64	92149	47.934	ug/l	97
7) Trichlorofluoromethane	3.056	101	173172	46.014	ug/l	97
8) Diethyl Ether	3.458	74	47787	46.692	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	93727	47.219	ug/l	99
10) Methyl Iodide	4.007	142	106680	48.990	ug/l	99
11) Tert butyl alcohol	4.885	59	25967	207.008	ug/l	99
12) 1,1-Dichloroethene	3.787	96	83254	44.530	ug/l	98
13) Acrolein	3.665	56	6659	29.073	ug/l	96
14) Allyl chloride	4.385	41	138203	46.362	ug/l	99
15) Acrylonitrile	5.068	53	104695	244.997	ug/l	99
16) Acetone	3.879	43	75874	191.965	ug/l	97
17) Carbon Disulfide	4.104	76	261023	42.387	ug/l	99
18) Methyl Acetate	4.391	43	68331	69.755	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	224505	48.231	ug/l	98
20) Methylene Chloride	4.616	84	99224	51.412	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	96667	46.959	ug/l	99
22) Diisopropyl ether	6.019	45	316608	50.631	ug/l	99
23) Vinyl Acetate	5.964	43	832454	227.559	ug/l	98
24) 1,1-Dichloroethane	5.915	63	182214	48.731	ug/l	100
25) 2-Butanone	6.903	43	127972	226.684	ug/l	99
26) 2,2-Dichloropropane	6.884	77	154961	46.590	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	113893	49.199	ug/l	99
28) Bromochloromethane	7.244	49	80327	50.938	ug/l	98
29) Tetrahydrofuran	7.268	42	87418	240.601	ug/l	99
30) Chloroform	7.421	83	194464	50.002	ug/l	99
31) Cyclohexane	7.707	56	149422	43.838	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	169260	48.153	ug/l	98
36) 1,1-Dichloropropene	7.835	75	133353	49.439	ug/l	99
37) Ethyl Acetate	6.988	43	59158	46.472	ug/l	99
38) Carbon Tetrachloride	7.817	117	153008	49.528	ug/l	99
39) Methylcyclohexane	9.110	83	152947	47.466	ug/l	98
40) Benzene	8.079	78	408902	50.621	ug/l	98

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41) Methacrylonitrile	7.220	41	32257	47.715	ug/l #	100
42) 1,2-Dichloroethane	8.159	62	115063	50.527	ug/l	100
43) Isopropyl Acetate	8.201	43	116080	48.119	ug/l	98
44) Trichloroethene	8.866	130	104017	50.539	ug/l	97
45) 1,2-Dichloropropane	9.140	63	98623	51.580	ug/l	99
46) Dibromomethane	9.231	93	56564	51.330	ug/l	99
47) Bromodichloromethane	9.427	83	147837	51.775	ug/l	99
48) Methyl methacrylate	9.225	41	58658	52.980	ug/l	98
49) 1,4-Dioxane	9.238	88	11527	976.463	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	329262	262.277	ug/l	100
52) Toluene	10.170	92	266517	52.882	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	130775	51.563	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	150975	50.459	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	76478	53.930	ug/l	99
56) Ethyl methacrylate	10.439	69	97697	53.954	ug/l	97
57) 1,3-Dichloropropane	10.719	76	129846	53.017	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	250968	284.112	ug/l	100
59) 2-Hexanone	10.762	43	220302	263.496	ug/l	99
60) Dibromochloromethane	10.914	129	103346	53.377	ug/l	100
61) 1,2-Dibromoethane	11.018	107	69734	52.420	ug/l	99
64) Tetrachloroethene	10.646	164	120936	52.889	ug/l	96
65) Chlorobenzene	11.445	112	285589	49.623	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	105159	51.500	ug/l	99
67) Ethyl Benzene	11.518	91	502076	50.875	ug/l	99
68) m/p-Xylenes	11.627	106	390432	103.315	ug/l	99
69) o-Xylene	11.957	106	181503	52.031	ug/l	99
70) Styrene	11.969	104	309799	53.265	ug/l	99
71) Bromoform	12.133	173	61991	53.223	ug/l #	100
73) Isopropylbenzene	12.255	105	477832	47.017	ug/l	100
74) N-amyl acetate	12.072	43	105325	44.158	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	82790	45.310	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	65940m	48.616	ug/l	
77) Bromobenzene	12.536	156	115220	47.219	ug/l	99
78) n-propylbenzene	12.597	91	589438	48.242	ug/l	100
79) 2-Chlorotoluene	12.682	91	335221	47.236	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	398543	47.982	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	24882	42.269	ug/l	96
82) 4-Chlorotoluene	12.780	91	348611	47.119	ug/l	99
83) tert-Butylbenzene	12.999	119	350975	47.440	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	402999	49.090	ug/l	100
85) sec-Butylbenzene	13.176	105	518223	47.931	ug/l	100
86) p-Isopropyltoluene	13.292	119	437765	48.989	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	232404	48.342	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	225322	47.438	ug/l	98
89) n-Butylbenzene	13.615	91	395005	47.797	ug/l	99
90) Hexachloroethane	13.883	117	93593	47.795	ug/l	99
91) 1,2-Dichlorobenzene	13.658	146	202444	48.374	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13444	47.472	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	114004	50.233	ug/l	100
94) Hexachlorobutadiene	15.023	225	68065	48.022	ug/l	99
95) Naphthalene	15.145	128	195156	51.878	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	97611	50.437	ug/l	99

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

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