

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021074.D
 Acq On : 05 Feb 2025 09:16
 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 :Romaben Patel 02/06/2025
 Supervised By :Mahesh Dadoda 02/06/2025

Quant Time: Feb 06 00:24:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	142538	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	216303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	187147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	88650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	77386	52.989	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.980%			
35) Dibromofluoromethane	7.646	113	74512	53.752	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.500%			
50) Toluene-d8	10.115	98	295914	56.072	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.140%			
62) 4-Bromofluorobenzene	12.420	95	94025	54.536	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	67791	53.361	ug/l	98
3) Chloromethane	2.080	50	65209	52.017	ug/l	100
4) Vinyl Chloride	2.214	62	66621	52.798	ug/l	99
5) Bromomethane	2.610	94	39785	51.015	ug/l	98
6) Chloroethane	2.751	64	39220	52.215	ug/l	100
7) Trichlorofluoromethane	3.074	101	119512	51.989	ug/l	99
8) Diethyl Ether	3.470	74	33640	46.877	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.836	101	74323	51.515	ug/l	95
10) Methyl Iodide	4.025	142	80273	50.081	ug/l	93
11) Tert butyl alcohol	4.878	59	18913	191.106	ug/l	96
12) 1,1-Dichloroethene	3.811	96	69461	51.109	ug/l	94
13) Acrolein	3.665	56	29501	193.581	ug/l	96
14) Allyl chloride	4.403	41	118247	51.625	ug/l	94
15) Acrylonitrile	5.080	53	70728	236.680	ug/l	99
16) Acetone	3.885	43	56925	249.947	ug/l	96
17) Carbon Disulfide	4.128	76	221531	51.982	ug/l	99
18) Methyl Acetate	4.403	43	38210	47.793	ug/l	97
19) Methyl tert-butyl Ether	5.134	73	161011	46.872	ug/l	98
20) Methylene Chloride	4.641	84	70002	49.443	ug/l	94
21) trans-1,2-Dichloroethene	5.134	96	76859	51.377	ug/l	92
22) Diisopropyl ether	6.037	45	243778	51.635	ug/l	97
23) Vinyl Acetate	5.976	43	658944	250.368	ug/l	98
24) 1,1-Dichloroethane	5.933	63	140379	50.750	ug/l	98
25) 2-Butanone	6.908	43	89638	239.512	ug/l	99
26) 2,2-Dichloropropane	6.896	77	132125	51.623	ug/l	97
27) cis-1,2-Dichloroethene	6.908	96	86701	50.351	ug/l	93
28) Bromochloromethane	7.262	49	60973	55.745	ug/l	99
29) Tetrahydrofuran	7.274	42	59276	234.067	ug/l	96
30) Chloroform	7.439	83	143244	50.416	ug/l	99
31) Cyclohexane	7.713	56	124978	50.173	ug/l	99
32) 1,1,1-Trichloroethane	7.634	97	136174	51.551	ug/l	99
36) 1,1-Dichloropropene	7.847	75	106633	51.934	ug/l	98
37) Ethyl Acetate	7.000	43	42858	47.581	ug/l #	97
38) Carbon Tetrachloride	7.835	117	126635	52.784	ug/l	97
39) Methylcyclohexane	9.121	83	136415	54.317	ug/l	97
40) Benzene	8.091	78	312752	51.905	ug/l	97

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41) Methacrylonitrile	7.232	41	27638m	53.037	ug/l	
42) 1,2-Dichloroethane	8.170	62	82833	49.557	ug/l	97
43) Isopropyl Acetate	8.207	43	85476	47.758	ug/l	98
44) Trichloroethene	8.878	130	79974	51.373	ug/l	95
45) 1,2-Dichloropropane	9.152	63	73894	51.669	ug/l	97
46) Dibromomethane	9.243	93	39073	49.344	ug/l	97
47) Bromodichloromethane	9.432	83	107714	50.721	ug/l	96
48) Methyl methacrylate	9.231	41	41509	50.915	ug/l	92
49) 1,4-Dioxane	9.243	88	7138	968.327	ug/l	98
51) 4-Methyl-2-Pentanone	10.005	43	217703	241.887	ug/l	95
52) Toluene	10.182	92	198421	52.445	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	96191	50.444	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	114954	50.914	ug/l #	90
55) 1,1,2-Trichloroethane	10.585	97	50685	49.430	ug/l	97
56) Ethyl methacrylate	10.451	69	66990	48.836	ug/l	91
57) 1,3-Dichloropropane	10.731	76	87603	49.359	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	158797	243.329	ug/l	99
59) 2-Hexanone	10.774	43	139543	240.804	ug/l	96
60) Dibromochloromethane	10.920	129	71209	49.451	ug/l	98
61) 1,2-Dibromoethane	11.024	107	46590	48.508	ug/l	99
64) Tetrachloroethene	10.658	164	72004	51.828	ug/l	96
65) Chlorobenzene	11.450	112	210499	50.514	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.530	131	74521	50.322	ug/l	98
67) Ethyl Benzene	11.530	91	386948	52.499	ug/l	97
68) m/p-Xylenes	11.639	106	292165	105.959	ug/l	99
69) o-Xylene	11.969	106	134276	52.233	ug/l	99
70) Styrene	11.981	104	225039	52.522	ug/l	98
71) Bromoform	12.145	173	40318	48.912	ug/l #	99
73) Isopropylbenzene	12.267	105	370718	53.535	ug/l	99
74) N-amyl acetate	12.078	43	72960	48.191	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.517	83	55283	48.002	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	38471m	47.840	ug/l	
77) Bromobenzene	12.542	156	80496	50.373	ug/l	93
78) n-propylbenzene	12.609	91	445428	53.997	ug/l	99
79) 2-Chlorotoluene	12.688	91	243682	51.577	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	298980	53.252	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.316	75	18733	47.533	ug/l	92
82) 4-Chlorotoluene	12.792	91	253047	52.568	ug/l	99
83) tert-Butylbenzene	13.011	119	271959	53.291	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	292400	53.264	ug/l	100
85) sec-Butylbenzene	13.188	105	396688	54.001	ug/l	98
86) p-Isopropyltoluene	13.304	119	328413	53.819	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	158333	51.315	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	153907	50.659	ug/l	99
89) n-Butylbenzene	13.627	91	305103	54.807	ug/l	99
90) Hexachloroethane	13.895	117	67228	52.810	ug/l	86
91) 1,2-Dichlorobenzene	13.669	146	132369	49.427	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	7753	45.049	ug/l	97
93) 1,2,4-Trichlorobenzene	14.931	180	72796	48.834	ug/l	98
94) Hexachlorobutadiene	15.035	225	50850	51.475	ug/l	99
95) Naphthalene	15.157	128	112423	47.139	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	58522	47.174	ug/l	97

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

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