

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050525\
 Data File : VY022168.D
 Acq On : 05 May 2025 18:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/06/2025
 Supervised By :Semsettin Yesilyurt 05/06/2025

Quant Time: May 06 05:23:58 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	217147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	341688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	323650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	178080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	104649	52.175	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.340%			
35) Dibromofluoromethane	7.634	113	114082	50.537	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.080%			
50) Toluene-d8	10.109	98	441178	51.841	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.680%			
62) 4-Bromofluorobenzene	12.407	95	152772	53.325	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.860	85	74598	40.317	ug/l	99
3) Chloromethane	2.068	50	128364	48.722	ug/l	99
4) Vinyl Chloride	2.202	62	158960	49.098	ug/l	100
5) Bromomethane	2.592	94	126547	45.368	ug/l	100
6) Chloroethane	2.732	64	108101	49.026	ug/l	100
7) Trichlorofluoromethane	3.055	101	190751	44.680	ug/l	98
8) Diethyl Ether	3.458	74	52164	46.944	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.811	101	104019	44.914	ug/l	99
10) Methyl Iodide	4.000	142	127191	47.435	ug/l	99
11) Tert butyl alcohol	4.866	59	27130	246.381	ug/l #	70
12) 1,1-Dichloroethene	3.793	96	97310	45.079	ug/l	97
13) Acrolein	3.653	56	18094	91.553	ug/l	97
14) Allyl chloride	4.384	41	122763	48.841	ug/l	98
15) Acrylonitrile	5.055	53	102268	251.398	ug/l	99
16) Acetone	3.872	43	68973	263.906	ug/l	98
17) Carbon Disulfide	4.104	76	301214	43.763	ug/l	100
18) Methyl Acetate	4.384	43	70025	74.739	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	240426	49.762	ug/l	98
20) Methylene Chloride	4.610	84	117503	46.330	ug/l	94
21) trans-1,2-Dichloroethene	5.110	96	113055	46.764	ug/l	96
22) Diisopropyl ether	6.018	45	294758	52.695	ug/l	98
23) Vinyl Acetate	5.963	43	738196	244.875	ug/l	98
24) 1,1-Dichloroethane	5.921	63	190970	49.254	ug/l	98
25) 2-Butanone	6.896	43	117688	257.410	ug/l	96
26) 2,2-Dichloropropane	6.884	77	156677	46.105	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	131177	48.527	ug/l	97
28) Bromochloromethane	7.244	49	80633	53.541	ug/l	95
29) Tetrahydrofuran	7.268	42	80334	270.536	ug/l	99
30) Chloroform	7.420	83	212689	49.454	ug/l	99
31) Cyclohexane	7.701	56	155478	46.892	ug/l	97
32) 1,1,1-Trichloroethane	7.615	97	183913	47.267	ug/l	99
36) 1,1-Dichloropropene	7.835	75	144480	47.648	ug/l	99
37) Ethyl Acetate	6.981	43	52902	48.577	ug/l	98
38) Carbon Tetrachloride	7.817	117	169970	46.910	ug/l	97
39) Methylcyclohexane	9.109	83	178774	46.849	ug/l	95
40) Benzene	8.079	78	460531	48.586	ug/l	100

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41) Methacrylonitrile	7.225	41	26320m	44.211	ug/l	
42) 1,2-Dichloroethane	8.158	62	118092	50.320	ug/l	99
43) Isopropyl Acetate	8.201	43	108934	52.086	ug/l	99
44) Trichloroethene	8.865	130	119805	45.632	ug/l	95
45) 1,2-Dichloropropane	9.146	63	106011	50.574	ug/l	100
46) Dibromomethane	9.231	93	65249	49.725	ug/l	97
47) Bromodichloromethane	9.420	83	160617	48.998	ug/l	98
48) Methyl methacrylate	9.219	41	50908	52.655	ug/l	97
49) 1,4-Dioxane	9.225	88	13706	979.999	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	304217	277.484	ug/l	97
52) Toluene	10.170	92	307906	50.183	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	138752	49.348	ug/l	90
54) cis-1,3-Dichloropropene	9.859	75	164239	49.139	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	87906	50.153	ug/l	98
56) Ethyl methacrylate	10.438	69	102496	51.135	ug/l	97
57) 1,3-Dichloropropane	10.719	76	144000	51.247	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	277862	283.528	ug/l	98
59) 2-Hexanone	10.761	43	200512	277.284	ug/l	98
60) Dibromochloromethane	10.914	129	121340	50.002	ug/l	100
61) 1,2-Dibromoethane	11.017	107	83925	50.718	ug/l	97
64) Tetrachloroethene	10.645	164	132633	43.441	ug/l	99
65) Chlorobenzene	11.444	112	340265	47.013	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	121008	47.490	ug/l	98
67) Ethyl Benzene	11.517	91	585337	49.439	ug/l	99
68) m/p-Xylenes	11.627	106	462468	98.163	ug/l	100
69) o-Xylene	11.956	106	212986	49.049	ug/l	97
70) Styrene	11.968	104	370652	50.838	ug/l	99
71) Bromoform	12.133	173	71764	48.443	ug/l #	99
73) Isopropylbenzene	12.255	105	562175	47.251	ug/l	100
74) N-amyl acetate	12.072	43	96972	47.439	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	97229	48.471	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	70964m	46.523	ug/l	
77) Bromobenzene	12.529	156	139863	46.522	ug/l	97
78) n-propylbenzene	12.596	91	670469	47.320	ug/l	100
79) 2-Chlorotoluene	12.682	91	388305	47.124	ug/l	100
80) 1,3,5-Trimethylbenzene	12.736	105	470455	47.991	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	29121	45.975	ug/l	98
82) 4-Chlorotoluene	12.779	91	409587	47.817	ug/l	99
83) tert-Butylbenzene	12.999	119	418984	47.656	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	468919	47.823	ug/l	99
85) sec-Butylbenzene	13.175	105	615110	47.812	ug/l	100
86) p-Isopropyltoluene	13.291	119	518498	47.462	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	277657	45.473	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	273541	45.233	ug/l	99
89) n-Butylbenzene	13.614	91	459947	47.103	ug/l	99
90) Hexachloroethane	13.877	117	110572	46.068	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	249255	46.803	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15480	48.506	ug/l	89
93) 1,2,4-Trichlorobenzene	14.919	180	135559	44.918	ug/l	100
94) Hexachlorobutadiene	15.023	225	79735	42.942	ug/l	99
95) Naphthalene	15.145	128	237399	47.354	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	118065	45.321	ug/l	98

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

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