

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
 Data File : VY021216.D
 Acq On : 17 Feb 2025 12:51
 Operator : SY/MD
 Sample : VY0217SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0217SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 02/18/2025
 Supervised By :Mahesh Dadoda 02/18/2025

Quant Time: Feb 18 00:46:02 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	7.719	168	125133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	197023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	169315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	84965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	75358	58.778	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.560%			
35) Dibromofluoromethane	7.640	113	69723	55.219	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.440%			
50) Toluene-d8	10.115	98	264443	55.012	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.020%			
62) 4-Bromofluorobenzene	12.413	95	90973	57.929	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 115.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.866	85	18774	16.833	ug/l	98
3) Chloromethane	2.074	50	15940	14.484	ug/l	100
4) Vinyl Chloride	2.208	62	18231	16.458	ug/l	100
5) Bromomethane	2.604	94	11392	16.639	ug/l	90
6) Chloroethane	2.738	64	12243	18.567	ug/l	100
7) Trichlorofluoromethane	3.067	101	39997	19.819	ug/l	100
8) Diethyl Ether	3.464	74	13852	21.987	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.823	101	27998	22.105	ug/l	97
10) Methyl Iodide	4.012	142	23767	16.890	ug/l	91
11) Tert butyl alcohol	4.884	59	13531	155.741	ug/l #	93
12) 1,1-Dichloroethene	3.799	96	21691	18.180	ug/l	87
13) Acrolein	3.671	56	12587	94.082	ug/l	99
14) Allyl chloride	4.396	41	42824	21.297	ug/l	94
15) Acrylonitrile	5.073	53	37083	141.353	ug/l	98
16) Acetone	3.884	43	27206	136.072	ug/l #	88
17) Carbon Disulfide	4.116	76	34440	9.205	ug/l	99
18) Methyl Acetate	4.396	43	18346	26.139	ug/l	100
19) Methyl tert-butyl Ether	5.128	73	79702	26.430	ug/l	99
20) Methylene Chloride	4.628	84	27642	22.239	ug/l	93
21) trans-1,2-Dichloroethene	5.128	96	24182	18.413	ug/l	90
22) Diisopropyl ether	6.030	45	109659	26.458	ug/l	99
23) Vinyl Acetate	5.975	43	301514	130.496	ug/l	98
24) 1,1-Dichloroethane	5.927	63	56395	23.224	ug/l	97
25) 2-Butanone	6.902	43	48843	148.661	ug/l	96
26) 2,2-Dichloropropane	6.896	77	55729	24.802	ug/l	95
27) cis-1,2-Dichloroethene	6.902	96	34615	22.898	ug/l	91
28) Bromochloromethane	7.256	49	21837	22.741	ug/l	98
29) Tetrahydrofuran	7.268	42	31663	142.421	ug/l	93
30) Chloroform	7.433	83	63273	25.367	ug/l	98
31) Cyclohexane	7.707	56	37212	17.017	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	54631	23.558	ug/l	99
36) 1,1-Dichloropropene	7.841	75	36853	19.705	ug/l	98
37) Ethyl Acetate	6.994	43	21929	26.728	ug/l	100
38) Carbon Tetrachloride	7.823	117	48735	22.302	ug/l	97
39) Methylcyclohexane	9.115	83	39138	17.109	ug/l	93
40) Benzene	8.085	78	118687	21.625	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	10611	22.355	ug/l #	77
42) 1,2-Dichloroethane	8.164	62	37854	24.863	ug/l	96
43) Isopropyl Acetate	8.201	43	46319	28.412	ug/l	94
44) Trichloroethene	8.871	130	29675	20.928	ug/l	99
45) 1,2-Dichloropropane	9.146	63	32587	25.015	ug/l	94
46) Dibromomethane	9.237	93	17731	24.583	ug/l	98
47) Bromodichloromethane	9.426	83	49234	25.452	ug/l	97
48) Methyl methacrylate	9.225	41	20319	27.362	ug/l	91
49) 1,4-Dioxane	9.237	88	3863	575.328	ug/l	98
51) 4-Methyl-2-Pentanone	10.005	43	122993	150.029	ug/l	95
52) Toluene	10.176	92	76958	22.331	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	45283	26.071	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	49732	24.182	ug/l #	90
55) 1,1,2-Trichloroethane	10.578	97	25269	27.055	ug/l	94
56) Ethyl methacrylate	10.444	69	32645	26.127	ug/l	90
57) 1,3-Dichloropropane	10.725	76	42635	26.373	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.719	63	67324	113.258	ug/l	98
59) 2-Hexanone	10.767	43	79917	151.405	ug/l	96
60) Dibromochloromethane	10.920	129	34412	26.236	ug/l	99
61) 1,2-Dibromoethane	11.023	107	21900	25.033	ug/l	99
64) Tetrachloroethene	10.651	164	26020	20.702	ug/l	95
65) Chlorobenzene	11.450	112	90690	24.055	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.523	131	35363	26.395	ug/l	97
67) Ethyl Benzene	11.523	91	156497	23.469	ug/l	99
68) m/p-Xylenes	11.633	106	115097	46.138	ug/l	96
69) o-Xylene	11.962	106	56835	24.437	ug/l	97
70) Styrene	11.974	104	97647	25.190	ug/l	98
71) Bromoform	12.139	173	20263	27.171	ug/l #	97
73) Isopropylbenzene	12.261	105	158251	23.844	ug/l	100
74) N-amyl acetate	12.078	43	41257	28.433	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.511	83	30220	27.378	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	17885m	23.205	ug/l	
77) Bromobenzene	12.535	156	36628	23.915	ug/l	96
78) n-propylbenzene	12.602	91	188769	23.876	ug/l	99
79) 2-Chlorotoluene	12.688	91	110881	24.487	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	128904	23.955	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	10183	26.959	ug/l	97
82) 4-Chlorotoluene	12.785	91	113023	24.498	ug/l	98
83) tert-Butylbenzene	13.005	119	120752	24.688	ug/l	98
84) 1,2,4-Trimethylbenzene	13.047	105	129719	24.655	ug/l	99
85) sec-Butylbenzene	13.181	105	175492	24.926	ug/l	99
86) p-Isopropyltoluene	13.297	119	145246	24.835	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	73353	24.804	ug/l	100
88) 1,4-Dichlorobenzene	13.370	146	72612	24.937	ug/l	99
89) n-Butylbenzene	13.627	91	134983	25.299	ug/l	98
90) Hexachloroethane	13.889	117	30185	24.740	ug/l	85
91) 1,2-Dichlorobenzene	13.663	146	65460	25.503	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4529	27.457	ug/l	96
93) 1,2,4-Trichlorobenzene	14.931	180	37954	26.565	ug/l	97
94) Hexachlorobutadiene	15.029	225	24404	25.776	ug/l	100
95) Naphthalene	15.151	128	63539	27.797	ug/l	98
96) 1,2,3-Trichlorobenzene	15.340	180	31914	26.841	ug/l	99

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

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