

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021128.D
 Acq On : 06 Feb 2025 21:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

Quant Time: Feb 07 02:39:00 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	7.713	168	195501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	315802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	278491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	133551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	100072	49.959	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.920%		
35) Dibromofluoromethane	7.640	113	95643	47.257	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.520%		
50) Toluene-d8	10.109	98	360434	46.779	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.560%		
62) 4-Bromofluorobenzene	12.408	95	123993	49.258	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	89188	51.185	ug/l	100
3) Chloromethane	2.074	50	99682	57.974	ug/l	98
4) Vinyl Chloride	2.208	62	105403	60.904	ug/l	98
5) Bromomethane	2.605	94	62054	58.013	ug/l	93
6) Chloroethane	2.739	64	63417	61.557	ug/l	98
7) Trichlorofluoromethane	3.068	101	172983	54.864	ug/l	98
8) Diethyl Ether	3.458	74	58054	58.981	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.824	101	102756	51.927	ug/l	95
10) Methyl Iodide	4.013	142	123063	55.977	ug/l	94
11) Tert butyl alcohol	4.872	59	38092	280.628	ug/l	97
12) 1,1-Dichloroethene	3.799	96	100790	54.070	ug/l	96
13) Acrolein	3.659	56	49496	236.798	ug/l	99
14) Allyl chloride	4.391	41	176970	56.331	ug/l	96
15) Acrylonitrile	5.061	53	125583	306.396	ug/l	99
16) Acetone	3.873	43	96002	307.331	ug/l	92
17) Carbon Disulfide	4.116	76	313081	53.562	ug/l	99
18) Methyl Acetate	4.391	43	68976	62.902	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	280255	59.483	ug/l	99
20) Methylene Chloride	4.622	84	110524	56.916	ug/l	94
21) trans-1,2-Dichloroethene	5.122	96	112381	54.770	ug/l	94
22) Diisopropyl ether	6.025	45	377897	58.358	ug/l	98
23) Vinyl Acetate	5.970	43	1088175	301.447	ug/l	99
24) 1,1-Dichloroethane	5.921	63	210389	55.454	ug/l	98
25) 2-Butanone	6.896	43	163190	317.914	ug/l	100
26) 2,2-Dichloropropane	6.896	77	165427	47.124	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	132683	56.180	ug/l	96
28) Bromochloromethane	7.250	49	90635	60.415	ug/l	98
29) Tetrahydrofuran	7.268	42	111754	321.741	ug/l	95
30) Chloroform	7.427	83	217065	55.702	ug/l	99
31) Cyclohexane	7.707	56	174015	50.934	ug/l	99
32) 1,1,1-Trichloroethane	7.628	97	190958	52.706	ug/l	99
36) 1,1-Dichloropropene	7.841	75	150768	50.294	ug/l	99
37) Ethyl Acetate	6.994	43	78076	59.370	ug/l	99
38) Carbon Tetrachloride	7.823	117	174128	49.713	ug/l	98
39) Methylcyclohexane	9.116	83	190408	51.928	ug/l	98
40) Benzene	8.085	78	463406	52.677	ug/l	98

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41) Methacrylonitrile	7.226	41	39413	51.804	ug/l	92
42) 1,2-Dichloroethane	8.165	62	132962	54.485	ug/l	97
43) Isopropyl Acetate	8.201	43	153770	58.847	ug/l	96
44) Trichloroethene	8.872	130	116306	51.172	ug/l	96
45) 1,2-Dichloropropane	9.146	63	112486	53.872	ug/l	98
46) Dibromomethane	9.238	93	63141	54.616	ug/l	96
47) Bromodichloromethane	9.427	83	166672	53.755	ug/l	97
48) Methyl methacrylate	9.225	41	71004	59.654	ug/l	93
49) 1,4-Dioxane	9.238	88	13288	1234.675	ug/l	90
51) 4-Methyl-2-Pentanone	10.000	43	400216	304.572	ug/l	97
52) Toluene	10.176	92	293363	53.109	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	151508	54.420	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	175470	53.231	ug/l	94
55) 1,1,2-Trichloroethane	10.579	97	81951	54.741	ug/l	97
56) Ethyl methacrylate	10.445	69	120733	60.284	ug/l	92
57) 1,3-Dichloropropane	10.719	76	144723	55.851	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	227326	238.588	ug/l	100
59) 2-Hexanone	10.762	43	265288	313.561	ug/l	97
60) Dibromochloromethane	10.914	129	113382	53.930	ug/l	99
61) 1,2-Dibromoethane	11.018	107	76742	54.727	ug/l	100
64) Tetrachloroethene	10.652	164	100253	48.493	ug/l	97
65) Chlorobenzene	11.444	112	314740	50.756	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	112626	51.108	ug/l	98
67) Ethyl Benzene	11.524	91	563638	51.389	ug/l	100
68) m/p-Xylenes	11.633	106	419925	102.342	ug/l	97
69) o-Xylene	11.957	106	201685	52.722	ug/l	98
70) Styrene	11.975	104	340549	53.412	ug/l	98
71) Bromoform	12.139	173	65851	53.685	ug/l #	99
73) Isopropylbenzene	12.261	105	530798	50.881	ug/l	100
74) N-amyl acetate	12.072	43	134987	59.184	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	94077	54.223	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	67212m	55.480	ug/l	
77) Bromobenzene	12.536	156	121903	50.637	ug/l	95
78) n-propylbenzene	12.597	91	624370	50.242	ug/l	98
79) 2-Chlorotoluene	12.682	91	358016	50.300	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	427275	50.516	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	29891	50.345	ug/l	97
82) 4-Chlorotoluene	12.780	91	368449	50.808	ug/l	100
83) tert-Butylbenzene	13.005	119	397278	51.675	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	427320	51.671	ug/l	100
85) sec-Butylbenzene	13.182	105	552161	49.894	ug/l	99
86) p-Isopropyltoluene	13.298	119	455109	49.507	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	231061	49.708	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	226832	49.561	ug/l	100
89) n-Butylbenzene	13.621	91	418508	49.903	ug/l	99
90) Hexachloroethane	13.883	117	94454	49.251	ug/l	85
91) 1,2-Dichlorobenzene	13.664	146	202856	50.280	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	14375	55.444	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	114808	51.123	ug/l	99
94) Hexachlorobutadiene	15.029	225	67939	45.652	ug/l	99
95) Naphthalene	15.151	128	212658	59.189	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	97110	51.961	ug/l	97

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

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