

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021102.D
 Acq On : 06 Feb 2025 09:39
 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 :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

Quant Time: Feb 07 02:26:01 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	7.720	168	245096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	376157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	317594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	150355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	119581	47.619	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.240%		
35) Dibromofluoromethane	7.646	113	117682	48.817	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.640%		
50) Toluene-d8	10.115	98	447738	48.786	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.580%		
62) 4-Bromofluorobenzene	12.414	95	149724	49.937	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	98769	45.214	ug/l	100
3) Chloromethane	2.080	50	106118	49.229	ug/l	97
4) Vinyl Chloride	2.214	62	111600	51.436	ug/l	98
5) Bromomethane	2.611	94	67334	50.212	ug/l	97
6) Chloroethane	2.745	64	67984	52.637	ug/l	96
7) Trichlorofluoromethane	3.074	101	195282	49.403	ug/l	99
8) Diethyl Ether	3.470	74	59997	48.621	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.830	101	116514	46.966	ug/l	95
10) Methyl Iodide	4.019	142	132170	47.955	ug/l	95
11) Tert butyl alcohol	4.872	59	37526	220.517	ug/l	98
12) 1,1-Dichloroethene	3.806	96	110521	47.293	ug/l	94
13) Acrolein	3.665	56	60177	229.642	ug/l	100
14) Allyl chloride	4.397	41	186795	47.427	ug/l	96
15) Acrylonitrile	5.080	53	124232	241.768	ug/l	99
16) Acetone	3.885	43	95643	244.226	ug/l	92
17) Carbon Disulfide	4.123	76	341499	46.602	ug/l	99
18) Methyl Acetate	4.403	43	66996	48.733	ug/l	100
19) Methyl tert-butyl Ether	5.135	73	287702	48.708	ug/l	98
20) Methylene Chloride	4.635	84	114055	46.849	ug/l	95
21) trans-1,2-Dichloroethene	5.135	96	120305	46.768	ug/l	96
22) Diisopropyl ether	6.031	45	384848	47.406	ug/l	99
23) Vinyl Acetate	5.976	43	1095426	242.052	ug/l	99
24) 1,1-Dichloroethane	5.933	63	220788	46.420	ug/l	98
25) 2-Butanone	6.909	43	158451	246.221	ug/l	99
26) 2,2-Dichloropropane	6.896	77	204744	46.522	ug/l	98
27) cis-1,2-Dichloroethene	6.903	96	140688	47.515	ug/l	96
28) Bromochloromethane	7.262	49	96586	51.354	ug/l	97
29) Tetrahydrofuran	7.274	42	106391	244.321	ug/l	98
30) Chloroform	7.433	83	226540	46.370	ug/l	98
31) Cyclohexane	7.713	56	193571	45.193	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	210871	46.425	ug/l	99
36) 1,1-Dichloropropene	7.848	75	166751	46.701	ug/l	100
37) Ethyl Acetate	7.000	43	76980	49.145	ug/l	100
38) Carbon Tetrachloride	7.829	117	193920	46.480	ug/l	98
39) Methylcyclohexane	9.122	83	210728	48.249	ug/l	98
40) Benzene	8.091	78	490094	46.772	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	38947	42.978	ug/l	96
42) 1,2-Dichloroethane	8.171	62	133662	45.983	ug/l	98
43) Isopropyl Acetate	8.207	43	150310	48.293	ug/l	98
44) Trichloroethene	8.878	130	126630	46.775	ug/l	93
45) 1,2-Dichloropropane	9.152	63	116519	46.850	ug/l	100
46) Dibromomethane	9.244	93	64051	46.513	ug/l	94
47) Bromodichloromethane	9.433	83	170885	46.271	ug/l	97
48) Methyl methacrylate	9.231	41	72403	51.069	ug/l	94
49) 1,4-Dioxane	9.238	88	13098	1021.748	ug/l	92
51) 4-Methyl-2-Pentanone	10.006	43	387134	247.345	ug/l	98
52) Toluene	10.182	92	309536	47.046	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	158875	47.910	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	187087	47.648	ug/l	93
55) 1,1,2-Trichloroethane	10.579	97	83975	47.093	ug/l	97
56) Ethyl methacrylate	10.451	69	118962	49.869	ug/l	93
57) 1,3-Dichloropropane	10.725	76	146851	47.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	279194	246.009	ug/l	100
59) 2-Hexanone	10.768	43	254284	252.330	ug/l	97
60) Dibromochloromethane	10.920	129	117663	46.986	ug/l	98
61) 1,2-Dibromoethane	11.024	107	80043	47.922	ug/l	99
64) Tetrachloroethene	10.658	164	112446	47.694	ug/l	96
65) Chlorobenzene	11.451	112	333483	47.157	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	119347	47.490	ug/l	97
67) Ethyl Benzene	11.530	91	595943	47.645	ug/l	100
68) m/p-Xylenes	11.640	106	447229	95.577	ug/l	97
69) o-Xylene	11.963	106	212598	48.732	ug/l	99
70) Styrene	11.981	104	352923	48.537	ug/l	98
71) Bromoform	12.139	173	67429	48.203	ug/l #	98
73) Isopropylbenzene	12.261	105	565882	48.181	ug/l	99
74) N-amyl acetate	12.078	43	129285	50.349	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.517	83	93707	47.973	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	62944m	46.150	ug/l	
77) Bromobenzene	12.542	156	127258	46.953	ug/l	95
78) n-propylbenzene	12.603	91	674966	48.243	ug/l	99
79) 2-Chlorotoluene	12.688	91	382441	47.726	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	455552	47.840	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	32474	48.583	ug/l	95
82) 4-Chlorotoluene	12.786	91	387359	47.446	ug/l	100
83) tert-Butylbenzene	13.005	119	409238	47.281	ug/l	97
84) 1,2,4-Trimethylbenzene	13.054	105	452502	48.600	ug/l	99
85) sec-Butylbenzene	13.182	105	592574	47.561	ug/l	98
86) p-Isopropyltoluene	13.298	119	495104	47.838	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	244417	46.705	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	239301	46.442	ug/l	99
89) n-Butylbenzene	13.627	91	455935	48.290	ug/l	98
90) Hexachloroethane	13.889	117	99081	45.890	ug/l	83
91) 1,2-Dichlorobenzene	13.670	146	213915	47.095	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	13956	47.812	ug/l	99
93) 1,2,4-Trichlorobenzene	14.932	180	123850	48.986	ug/l	99
94) Hexachlorobutadiene	15.035	225	78175	46.659	ug/l	99
95) Naphthalene	15.157	128	218739	54.077	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	104119	49.485	ug/l	99

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

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