

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021325\
 Data File : VY021185.D
 Acq On : 13 Feb 2025 09:11
 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 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025

Quant Time: Feb 14 00:37:13 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	132208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	201529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	174178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	85959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	68659	50.687	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.380%			
35) Dibromofluoromethane	7.640	113	65040	50.359	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.720%			
50) Toluene-d8	10.115	98	246143	50.060	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.120%			
62) 4-Bromofluorobenzene	12.414	95	84755	52.763	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	61687	52.351	ug/l	99
3) Chloromethane	2.074	50	57629	49.562	ug/l	99
4) Vinyl Chloride	2.208	62	59412	50.764	ug/l	96
5) Bromomethane	2.604	94	34624	47.866	ug/l	97
6) Chloroethane	2.739	64	36232	52.006	ug/l	100
7) Trichlorofluoromethane	3.068	101	110313	51.737	ug/l	99
8) Diethyl Ether	3.464	74	34156	51.315	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	69873	52.214	ug/l	95
10) Methyl Iodide	4.013	142	75497	50.781	ug/l	91
11) Tert butyl alcohol	4.866	59	22063	240.355	ug/l	97
12) 1,1-Dichloroethene	3.799	96	64116	50.862	ug/l	90
13) Acrolein	3.659	56	26866	190.065	ug/l	99
14) Allyl chloride	4.391	41	112523	52.964	ug/l	94
15) Acrylonitrile	5.067	53	73871	266.513	ug/l	97
16) Acetone	3.879	43	56548	267.691	ug/l	99
17) Carbon Disulfide	4.116	76	193460	48.942	ug/l	99
18) Methyl Acetate	4.391	43	42155	56.847	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	170610	53.547	ug/l	99
20) Methylene Chloride	4.622	84	67767	51.604	ug/l	93
21) trans-1,2-Dichloroethene	5.122	96	70315	50.675	ug/l	95
22) Diisopropyl ether	6.025	45	239862	54.775	ug/l	99
23) Vinyl Acetate	5.970	43	665784	272.733	ug/l	97
24) 1,1-Dichloroethane	5.921	63	135220	52.704	ug/l	99
25) 2-Butanone	6.903	43	94334	271.754	ug/l	99
26) 2,2-Dichloropropane	6.890	77	127040	53.514	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	84177	52.704	ug/l	94
28) Bromochloromethane	7.256	49	55234	54.443	ug/l	97
29) Tetrahydrofuran	7.268	42	63616	270.833	ug/l	94
30) Chloroform	7.427	83	140932	53.478	ug/l	99
31) Cyclohexane	7.707	56	114998	49.774	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	131672	53.741	ug/l	99
36) 1,1-Dichloropropene	7.841	75	102688	53.679	ug/l	98
37) Ethyl Acetate	6.988	43	45969	54.777	ug/l	98
38) Carbon Tetrachloride	7.823	117	122141	54.643	ug/l	99
39) Methylcyclohexane	9.116	83	125673	53.708	ug/l	97
40) Benzene	8.085	78	297123	52.926	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	22868	47.101	ug/l #	90
42) 1,2-Dichloroethane	8.164	62	85248	54.740	ug/l	96
43) Isopropyl Acetate	8.207	43	91631	54.950	ug/l	97
44) Trichloroethene	8.872	130	76340	52.633	ug/l	96
45) 1,2-Dichloropropane	9.146	63	71680	53.795	ug/l	100
46) Dibromomethane	9.237	93	39481	53.515	ug/l	96
47) Bromodichloromethane	9.433	83	107985	54.576	ug/l	97
48) Methyl methacrylate	9.225	41	43407	57.147	ug/l	91
49) 1,4-Dioxane	9.237	88	7974	1161.038	ug/l	97
51) 4-Methyl-2-Pentanone	10.006	43	235492	280.834	ug/l	96
52) Toluene	10.176	92	190929	54.164	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	99119	55.790	ug/l	95
54) cis-1,3-Dichloropropene	9.865	75	114281	54.326	ug/l	93
55) 1,1,2-Trichloroethane	10.579	97	50422	52.778	ug/l	97
56) Ethyl methacrylate	10.445	69	71654	56.065	ug/l #	89
57) 1,3-Dichloropropane	10.725	76	90624	54.804	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	175331	288.361	ug/l	99
59) 2-Hexanone	10.768	43	155806	288.579	ug/l	95
60) Dibromochloromethane	10.920	129	71963	53.638	ug/l	100
61) 1,2-Dibromoethane	11.024	107	47423	52.995	ug/l	99
64) Tetrachloroethene	10.652	164	68967	53.338	ug/l	96
65) Chlorobenzene	11.450	112	204619	52.759	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	74052	53.728	ug/l	98
67) Ethyl Benzene	11.524	91	375214	54.697	ug/l	98
68) m/p-Xylenes	11.633	106	279140	108.774	ug/l	95
69) o-Xylene	11.963	106	132735	55.478	ug/l	97
70) Styrene	11.975	104	222853	55.885	ug/l	98
71) Bromoform	12.139	173	41790	54.473	ug/l #	96
73) Isopropylbenzene	12.261	105	359558	53.549	ug/l	99
74) N-amyl acetate	12.078	43	81389	55.442	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	58880	52.726	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	36323m	46.583	ug/l	
77) Bromobenzene	12.536	156	80811	52.153	ug/l	95
78) n-propylbenzene	12.603	91	437305	54.672	ug/l	99
79) 2-Chlorotoluene	12.688	91	245319	53.549	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	297488	54.645	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	20541	53.752	ug/l	96
82) 4-Chlorotoluene	12.786	91	253536	54.319	ug/l	99
83) tert-Butylbenzene	13.005	119	268667	54.294	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	293122	55.067	ug/l	100
85) sec-Butylbenzene	13.182	105	388302	54.514	ug/l	98
86) p-Isopropyltoluene	13.298	119	328007	55.435	ug/l	98
87) 1,3-Dichlorobenzene	13.298	146	157700	52.709	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	155023	52.624	ug/l	99
89) n-Butylbenzene	13.627	91	304587	56.427	ug/l	99
90) Hexachloroethane	13.889	117	66302	53.713	ug/l	86
91) 1,2-Dichlorobenzene	13.663	146	137220	52.842	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9139	54.764	ug/l	93
93) 1,2,4-Trichlorobenzene	14.932	180	80498	55.691	ug/l	98
94) Hexachlorobutadiene	15.029	225	52660	54.976	ug/l	99
95) Naphthalene	15.151	128	130354	56.369	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	65458	54.417	ug/l	98

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

