

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011223\
 Data File : VY012168.D
 Acq On : 12 Jan 2023 10:03
 Operator : KP/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 :Krupa Patel 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023

Quant Time: Jan 12 13:35:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	222545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	333200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	297378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	106156	42.451	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.900%		
35) Dibromofluoromethane	7.716	113	105728	48.276	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.560%		
50) Toluene-d8	10.179	98	385388	44.583	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.160%		
62) 4-Bromofluorobenzene	12.483	95	141357	46.783	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	81670	45.857	ug/l	99
3) Chloromethane	2.119	50	81346	50.320	ug/l	98
4) Vinyl Chloride	2.253	62	96076	44.420	ug/l	98
5) Bromomethane	2.656	94	66187	46.456	ug/l	99
6) Chloroethane	2.796	64	63495	44.309	ug/l	93
7) Trichlorofluoromethane	3.131	101	187397	43.490	ug/l	97
8) Diethyl Ether	3.533	74	61857	46.888	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.905	101	109300	49.266	ug/l	96
10) Methyl Iodide	4.094	142	138190	45.947	ug/l	99
11) Tert butyl alcohol	4.954	59	53883	174.547	ug/l	99
12) 1,1-Dichloroethene	3.875	96	102706	47.221	ug/l	97
13) Acrolein	3.735	56	31295	241.934	ug/l	100
14) Allyl chloride	4.485	41	155325	52.975	ug/l	97
15) Acrylonitrile	5.161	53	152992	246.830	ug/l	99
16) Acetone	3.948	43	136943	232.798	ug/l	98
17) Carbon Disulfide	4.198	76	250605	47.556	ug/l	100
18) Methyl Acetate	4.478	43	80307	47.459	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	304091	47.500	ug/l	98
20) Methylene Chloride	4.716	84	121581	48.739	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	113988	47.362	ug/l	97
22) Diisopropyl ether	6.118	45	333406	55.276	ug/l	96
23) Vinyl Acetate	6.064	43	954874	261.614	ug/l	97
24) 1,1-Dichloroethane	6.021	63	205786	51.292	ug/l	99
25) 2-Butanone	6.984	43	184364	237.548	ug/l	96
26) 2,2-Dichloropropane	6.984	77	198450	45.851	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	135401	49.257	ug/l	97
28) Bromochloromethane	7.332	49	51955	51.222	ug/l	92
29) Tetrahydrofuran	7.350	42	112813	249.021	ug/l	94
30) Chloroform	7.508	83	224783	49.151	ug/l	99
31) Cyclohexane	7.789	56	162710	51.632	ug/l	96
32) 1,1,1-Trichloroethane	7.703	97	206652	46.522	ug/l	98
36) 1,1-Dichloropropene	7.917	75	157262	47.330	ug/l	99
37) Ethyl Acetate	7.069	43	80462	45.227	ug/l	97
38) Carbon Tetrachloride	7.899	117	188915	44.795	ug/l	96
39) Methylcyclohexane	9.185	83	188170	47.408	ug/l	97
40) Benzene	8.161	78	468243	48.361	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	41742m	43.140	ug/l	
42) 1,2-Dichloroethane	8.234	62	136528	44.539	ug/l	99
43) Isopropyl Acetate	8.270	43	146528	49.146	ug/l	98
44) Trichloroethene	8.941	130	133530	47.232	ug/l	100
45) 1,2-Dichloropropane	9.215	63	112995	52.378	ug/l	99
46) Dibromomethane	9.307	93	64810	47.722	ug/l	97
47) Bromodichloromethane	9.496	83	170681	49.427	ug/l	97
48) Methyl methacrylate	9.295	41	65805	49.273	ug/l	94
49) 1,4-Dioxane	9.301	88	17610	936.399	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	392144	247.182	ug/l	97
52) Toluene	10.246	92	305032	47.596	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	171997	47.879	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	192557	49.547	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	95836	48.859	ug/l	97
56) Ethyl methacrylate	10.508	69	128691	50.084	ug/l	95
57) 1,3-Dichloropropane	10.788	76	160022	49.435	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	235298	250.357	ug/l	97
59) 2-Hexanone	10.831	43	273337	245.370	ug/l	96
60) Dibromochloromethane	10.983	129	123757	47.852	ug/l	100
61) 1,2-Dibromoethane	11.087	107	89692	47.776	ug/l	99
64) Tetrachloroethene	10.721	164	140228	48.136	ug/l	99
65) Chlorobenzene	11.514	112	330414	48.650	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	128674	49.072	ug/l	99
67) Ethyl Benzene	11.593	91	589754	48.582	ug/l	99
68) m/p-Xylenes	11.703	106	462386	97.114	ug/l	98
69) o-Xylene	12.032	106	221378	48.832	ug/l	98
70) Styrene	12.044	104	375491	48.760	ug/l	99
71) Bromoform	12.209	173	79328	47.614	ug/l #	98
73) Isopropylbenzene	12.331	105	599841	50.461	ug/l	99
74) N-amyl acetate	12.142	43	127906	52.120	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	100928	50.474	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	83429m	48.638	ug/l	
77) Bromobenzene	12.611	156	138955	49.012	ug/l	96
78) n-propylbenzene	12.672	91	704126	50.741	ug/l	99
79) 2-Chlorotoluene	12.757	91	397831	50.118	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	506508	49.679	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	38470	49.808	ug/l	97
82) 4-Chlorotoluene	12.855	91	405395	48.829	ug/l	98
83) tert-Butylbenzene	13.074	119	440623	49.324	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	503970	49.936	ug/l	99
85) sec-Butylbenzene	13.251	105	647765	50.449	ug/l	98
86) p-Isopropyltoluene	13.367	119	553923	49.795	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	274451	48.292	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	272626	48.022	ug/l	99
89) n-Butylbenzene	13.696	91	494176	51.264	ug/l	99
90) Hexachloroethane	13.965	117	102945	49.883	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	243759	48.145	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17699	44.534	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	152252	48.233	ug/l	99
94) Hexachlorobutadiene	15.111	225	94963	49.861	ug/l	98
95) Naphthalene	15.239	128	295253	47.264	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	130953	47.716	ug/l	99

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

