

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009823.D
 Acq On : 04 Aug 2022 10:57
 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 08/05/2022
 Supervised By :Mahesh Dadoda 08/05/2022

Quant Time: Aug 05 01:41:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	49752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	75888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	81161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19220	46.577	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.160%		
35) Dibromofluoromethane	7.710	113	20971	45.323	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.640%		
50) Toluene-d8	10.173	98	60244	43.443	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	86.880%		
62) 4-Bromofluorobenzene	12.477	95	29429	46.970	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	93.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	20657	44.489	ug/l	98
3) Chloromethane	2.107	50	29188	40.581	ug/l	97
4) Vinyl Chloride	2.241	62	31578	41.872	ug/l	97
5) Bromomethane	2.644	94	21956	42.924	ug/l	98
6) Chloroethane	2.784	64	21384	43.584	ug/l	95
7) Trichlorofluoromethane	3.113	101	42105	41.878	ug/l	92
8) Diethyl Ether	3.521	74	13541	44.764	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	23849	43.361	ug/l	100
10) Methyl Iodide	4.076	142	27645	43.830	ug/l	99
11) Tert butyl alcohol	4.948	59	10661	201.807	ug/l	97
12) 1,1-Dichloroethene	3.863	96	21251	42.298	ug/l	98
13) Acrolein	3.716	56	1049	150.559	ug/l	99
14) Allyl chloride	4.466	41	37654	44.663	ug/l	98
15) Acrylonitrile	5.149	53	34966	217.742	ug/l	100
16) Acetone	3.936	43	33714	239.388	ug/l	98
17) Carbon Disulfide	4.180	76	64336	41.081	ug/l	97
18) Methyl Acetate	4.460	43	16930	40.293	ug/l #	75
19) Methyl tert-butyl Ether	5.204	73	60132	46.656	ug/l	98
20) Methylene Chloride	4.698	84	29313	44.300	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	25087	43.919	ug/l	91
22) Diisopropyl ether	6.106	45	85190	45.637	ug/l	93
23) Vinyl Acetate	6.051	43	279081	234.259	ug/l	98
24) 1,1-Dichloroethane	6.003	63	44741	44.285	ug/l	99
25) 2-Butanone	6.978	43	49837	216.340	ug/l	95
26) 2,2-Dichloropropane	6.972	77	41425	44.109	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	28954	45.388	ug/l	99
28) Bromochloromethane	7.326	49	18760	47.629	ug/l	99
29) Tetrahydrofuran	7.338	42	32737	220.645	ug/l	99
30) Chloroform	7.496	83	47052	44.506	ug/l	98
31) Cyclohexane	7.777	56	40068	42.563	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	40493	44.200	ug/l	100
36) 1,1-Dichloropropene	7.905	75	35056	45.668	ug/l	98
37) Ethyl Acetate	7.057	43	21618	43.237	ug/l	99
38) Carbon Tetrachloride	7.893	117	37701	46.699	ug/l	95
39) Methylcyclohexane	9.179	83	40881	45.904	ug/l	98
40) Benzene	8.155	78	106527	45.748	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	14135m	57.965	ug/l	
42) 1,2-Dichloroethane	8.228	62	31241	46.725	ug/l	99
43) Isopropyl Acetate	8.264	43	40339	46.304	ug/l	98
44) Trichloroethene	8.935	130	28643	46.156	ug/l	96
45) 1,2-Dichloropropane	9.209	63	27214	46.767	ug/l	99
46) Dibromomethane	9.301	93	15637	43.592	ug/l	98
47) Bromodichloromethane	9.490	83	37369	45.078	ug/l	95
48) Methyl methacrylate	9.289	41	17603	44.082	ug/l	94
49) 1,4-Dioxane	9.289	88	3136	708.551	ug/l	93
51) 4-Methyl-2-Pentanone	10.063	43	113272	230.508	ug/l	99
52) Toluene	10.240	92	66215	45.129	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	40041	49.279	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	41898	45.691	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	23228	48.327	ug/l	96
56) Ethyl methacrylate	10.508	69	30415	45.413	ug/l	100
57) 1,3-Dichloropropane	10.788	76	38532	47.204	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	73618	250.257	ug/l	98
59) 2-Hexanone	10.831	43	87776	257.805	ug/l	100
60) Dibromochloromethane	10.983	129	27634	48.079	ug/l	99
61) 1,2-Dibromoethane	11.087	107	21853	46.596	ug/l	96
64) Tetrachloroethene	10.715	164	28193	43.784	ug/l	96
65) Chlorobenzene	11.514	112	81745	46.364	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	29862	45.649	ug/l	98
67) Ethyl Benzene	11.593	91	142448	46.529	ug/l	99
68) m/p-Xylenes	11.703	106	109905	91.454	ug/l	98
69) o-Xylene	12.026	106	47962	44.665	ug/l	98
70) Styrene	12.044	104	82173	41.097	ug/l	99
71) Bromoform	12.209	173	16527	42.131	ug/l #	100
73) Isopropylbenzene	12.331	105	124951	47.399	ug/l	99
74) N-amyl acetate	12.142	43	40096	43.015	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	26522	44.639	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	25835m	59.507	ug/l	
77) Bromobenzene	12.605	156	29651	44.799	ug/l	99
78) n-propylbenzene	12.666	91	158342	47.606	ug/l	99
79) 2-Chlorotoluene	12.758	91	85495	46.161	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	106410	47.850	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	9289	45.920	ug/l	98
82) 4-Chlorotoluene	12.849	91	90672	46.413	ug/l	100
83) tert-Butylbenzene	13.075	119	91358	48.062	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	106583	48.614	ug/l	100
85) sec-Butylbenzene	13.251	105	141480	48.687	ug/l	99
86) p-Isopropyltoluene	13.367	119	116280	49.342	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	60616	46.608	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	60565	45.751	ug/l	100
89) n-Butylbenzene	13.696	91	112835	48.891	ug/l	99
90) Hexachloroethane	13.959	117	23327	46.086	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	56161	47.180	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4309	46.269	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	32022	48.489	ug/l	99
94) Hexachlorobutadiene	15.111	225	18094	46.775	ug/l	96
95) Naphthalene	15.239	128	64738	43.720	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	28103	48.112	ug/l	98

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

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