

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009622.D
 Acq On : 21 Jul 2022 10:08
 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 07/22/2022
 Supervised By :Mahesh Dadoda 07/22/2022

Quant Time: Jul 22 02:27:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	227230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	332809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	299913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	103140	47.994	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.980%		
35) Dibromofluoromethane	7.710	113	107492	51.268	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.540%		
50) Toluene-d8	10.173	98	395189	49.029	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	98.060%		
62) 4-Bromofluorobenzene	12.477	95	130611	50.009	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	100.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	101087	50.699	ug/l	99
3) Chloromethane	2.107	50	131697	44.572	ug/l	96
4) Vinyl Chloride	2.241	62	165164	53.453	ug/l	98
5) Bromomethane	2.638	94	122679	58.660	ug/l	96
6) Chloroethane	2.784	64	106664	56.830	ug/l	98
7) Trichlorofluoromethane	3.113	101	202922	55.422	ug/l	93
8) Diethyl Ether	3.515	74	63874	53.320	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.881	101	118221	55.216	ug/l	93
10) Methyl Iodide	4.076	142	161707	56.858	ug/l #	88
11) Tert butyl alcohol	4.948	59	48800	225.360	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	112637	53.903	ug/l #	77
13) Acrolein	3.717	56	31641	205.944	ug/l	98
14) Allyl chloride	4.466	41	153361	47.444	ug/l #	92
15) Acrylonitrile	5.149	53	146647	247.861	ug/l	98
16) Acetone	3.936	43	144543	265.880	ug/l #	88
17) Carbon Disulfide	4.180	76	328690	50.598	ug/l	99
18) Methyl Acetate	4.466	43	65133	42.682	ug/l #	84
19) Methyl tert-butyl Ether	5.210	73	300660	54.593	ug/l	94
20) Methylene Chloride	4.698	84	134123	49.140	ug/l #	79
21) trans-1,2-Dichloroethene	5.204	96	127845	54.055	ug/l #	82
22) Diisopropyl ether	6.106	45	329032	47.668	ug/l #	93
23) Vinyl Acetate	6.045	43	1077382	247.383	ug/l #	89
24) 1,1-Dichloroethane	6.003	63	204264	51.236	ug/l	98
25) 2-Butanone	6.978	43	196098	247.286	ug/l #	81
26) 2,2-Dichloropropane	6.972	77	191454	53.607	ug/l	93
27) cis-1,2-Dichloroethene	6.972	96	143878	55.023	ug/l	82
28) Bromochloromethane	7.320	49	77897	45.603	ug/l #	65
29) Tetrahydrofuran	7.338	42	122687	235.648	ug/l #	80
30) Chloroform	7.496	83	220819	54.145	ug/l	98
31) Cyclohexane	7.777	56	178171	47.019	ug/l	87
32) 1,1,1-Trichloroethane	7.691	97	203717	55.690	ug/l	95
36) 1,1-Dichloropropene	7.911	75	167986	54.218	ug/l	95
37) Ethyl Acetate	7.064	43	82680	47.947	ug/l #	93
38) Carbon Tetrachloride	7.893	117	187871	57.924	ug/l	99
39) Methylcyclohexane	9.179	83	213113	55.784	ug/l #	86
40) Benzene	8.149	78	482078	53.174	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	40096m	48.456	ug/l	
42) 1,2-Dichloroethane	8.228	62	138471	54.446	ug/l	91
43) Isopropyl Acetate	8.265	43	156730	49.602	ug/l #	89
44) Trichloroethene	8.935	130	145691	56.505	ug/l	97
45) 1,2-Dichloropropane	9.209	63	114764	51.596	ug/l	94
46) Dibromomethane	9.301	93	72437	56.073	ug/l	93
47) Bromodichloromethane	9.490	83	171006	56.453	ug/l	99
48) Methyl methacrylate	9.289	41	71195	50.998	ug/l #	84
49) 1,4-Dioxane	9.295	88	18842	1094.216	ug/l #	76
51) 4-Methyl-2-Pentanone	10.063	43	412654	251.523	ug/l	88
52) Toluene	10.240	92	316539	55.120	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	173397	55.422	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	196076	55.118	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	102243	56.197	ug/l	96
56) Ethyl methacrylate	10.508	69	130838	56.210	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	163734	54.232	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	299932	239.936	ug/l	90
59) 2-Hexanone	10.831	43	293546	257.251	ug/l	85
60) Dibromochloromethane	10.984	129	128734	58.475	ug/l	100
61) 1,2-Dibromoethane	11.087	107	99564	56.090	ug/l	99
64) Tetrachloroethene	10.715	164	142012	60.504	ug/l	97
65) Chlorobenzene	11.514	112	343008	55.968	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	132743	58.297	ug/l	99
67) Ethyl Benzene	11.587	91	599755	55.641	ug/l	97
68) m/p-Xylenes	11.697	106	478715	111.593	ug/l	90
69) o-Xylene	12.026	106	226977	56.540	ug/l	89
70) Styrene	12.044	104	378911	56.748	ug/l	94
71) Bromoform	12.203	173	85961	59.822	ug/l #	98
73) Isopropylbenzene	12.325	105	591869	57.746	ug/l	99
74) N-amyl acetate	12.142	43	138770	50.908	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	108707	52.959	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	77004m	54.605	ug/l	
77) Bromobenzene	12.605	156	151413	58.746	ug/l	83
78) n-propylbenzene	12.666	91	695487	56.156	ug/l	96
79) 2-Chlorotoluene	12.752	91	384142	55.943	ug/l	93
80) 1,3,5-Trimethylbenzene	12.813	105	490325	57.894	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	38112	53.289	ug/l	86
82) 4-Chlorotoluene	12.855	91	394930	55.439	ug/l	94
83) tert-Butylbenzene	13.075	119	441933	58.733	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	486712	57.463	ug/l	97
85) sec-Butylbenzene	13.251	105	637881	57.178	ug/l	97
86) p-Isopropyltoluene	13.367	119	548670	58.523	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	291675	57.207	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	285622	56.500	ug/l	97
89) n-Butylbenzene	13.696	91	490468	57.282	ug/l	98
90) Hexachloroethane	13.959	117	102841	56.937	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	255640	57.395	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18068	57.859	ug/l	65
93) 1,2,4-Trichlorobenzene	15.007	180	172389	61.665	ug/l	99
94) Hexachlorobutadiene	15.111	225	103317	62.298	ug/l	99
95) Naphthalene	15.233	128	335978	62.948	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	150985	61.484	ug/l	99

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

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