

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007424.D
 Acq On : 07 Feb 2022 19:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2022
 Supervised By :Mahesh Dadoda 02/08/2022

Quant Time: Feb 08 00:42:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	122107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	189791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	73679	52.458	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.920%			
35) Dibromofluoromethane	7.722	113	65285	47.930	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.860%			
50) Toluene-d8	10.179	98	234363	46.572	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.140%			
62) 4-Bromofluorobenzene	12.483	95	83249	48.672	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	56745	39.692	ug/l	99
3) Chloromethane	2.113	50	66035	41.618	ug/l	95
4) Vinyl Chloride	2.253	62	68134	40.415	ug/l	100
5) Bromomethane	2.650	94	48944	47.931	ug/l	97
6) Chloroethane	2.796	64	45191	43.648	ug/l	99
7) Trichlorofluoromethane	3.131	101	114906	42.061	ug/l	97
8) Diethyl Ether	3.534	74	40948	50.496	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.905	101	65796	42.764	ug/l	91
10) Methyl Iodide	4.094	142	79363	47.848	ug/l	94
11) Tert butyl alcohol	4.954	59	41050	255.515	ug/l	97
12) 1,1-Dichloroethene	3.875	96	60703	42.712	ug/l	91
13) Acrolein	3.729	56	39226	207.898	ug/l	100
14) Allyl chloride	4.485	41	96165	44.054	ug/l #	93
15) Acrylonitrile	5.167	53	104369	273.944	ug/l	99
16) Acetone	3.948	43	96683	211.952	ug/l	97
17) Carbon Disulfide	4.198	76	186169	41.725	ug/l	99
18) Methyl Acetate	4.478	43	47160	55.198	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	209934	52.430	ug/l	98
20) Methylene Chloride	4.716	84	73409	49.638	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	70096	44.583	ug/l	88
22) Diisopropyl ether	6.118	45	223522	48.869	ug/l #	94
23) Vinyl Acetate	6.064	43	779334	261.259	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	126986	45.969	ug/l	100
25) 2-Butanone	6.984	43	139699	253.480	ug/l #	82
26) 2,2-Dichloropropane	6.984	77	110639	41.857	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	81714	47.052	ug/l	90
28) Bromochloromethane	7.338	49	54647	50.593	ug/l #	88
29) Tetrahydrofuran	7.350	42	91286	286.641	ug/l	89
30) Chloroform	7.508	83	135959	47.313	ug/l	97
31) Cyclohexane	7.789	56	108194	39.478	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	118559	44.391	ug/l	96
36) 1,1-Dichloropropene	7.923	75	96742	40.626	ug/l	99
37) Ethyl Acetate	7.076	43	62062	52.424	ug/l	97
38) Carbon Tetrachloride	7.905	117	104138	41.626	ug/l	96
39) Methylcyclohexane	9.185	83	121554	40.647	ug/l	91
40) Benzene	8.161	78	278836	44.176	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	29838m	50.720	ug/l	
42) 1,2-Dichloroethane	8.240	62	92654	48.289	ug/l	94
43) Isopropyl Acetate	8.277	43	118635	53.585	ug/l #	93
44) Trichloroethene	8.941	130	74148	43.447	ug/l	95
45) 1,2-Dichloropropane	9.215	63	71009	45.624	ug/l	94
46) Dibromomethane	9.307	93	45660	49.310	ug/l	92
47) Bromodichloromethane	9.496	83	106640	47.624	ug/l	100
48) Methyl methacrylate	9.295	41	52936	52.870	ug/l #	89
49) 1,4-Dioxane	9.295	88	12234	1206.141	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	305741	272.290	ug/l	92
52) Toluene	10.246	92	175676	44.174	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	114084	48.769	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	124810	47.635	ug/l #	86
55) 1,1,2-Trichloroethane	10.648	97	60181	49.485	ug/l	97
56) Ethyl methacrylate	10.508	69	89213	52.815	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	106389	49.340	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	244453	278.208	ug/l	96
59) 2-Hexanone	10.831	43	211712	258.626	ug/l	90
60) Dibromochloromethane	10.983	129	74618	49.284	ug/l	99
61) 1,2-Dibromoethane	11.087	107	61041	50.733	ug/l	99
64) Tetrachloroethene	10.721	164	64375	43.221	ug/l	97
65) Chlorobenzene	11.514	112	187119	44.320	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	71324	45.254	ug/l	98
67) Ethyl Benzene	11.593	91	348164	43.457	ug/l	99
68) m/p-Xylenes	11.703	106	257069	86.632	ug/l	99
69) o-Xylene	12.026	106	124457	44.361	ug/l	99
70) Styrene	12.044	104	215497	46.596	ug/l	98
71) Bromoform	12.209	173	43658	50.206	ug/l #	100
73) Isopropylbenzene	12.331	105	326393	42.809	ug/l	98
74) N-amyl acetate	12.142	43	100738	53.378	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	72244	51.886	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	53623m	54.068	ug/l	
77) Bromobenzene	12.605	156	72642	45.231	ug/l	94
78) n-propylbenzene	12.672	91	396965	42.985	ug/l	98
79) 2-Chlorotoluene	12.757	91	224799	43.966	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	273807	44.022	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	25266	51.039	ug/l	89
82) 4-Chlorotoluene	12.855	91	234891	44.728	ug/l	97
83) tert-Butylbenzene	13.075	119	235030	43.406	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	271908	44.400	ug/l	98
85) sec-Butylbenzene	13.251	105	347888	42.835	ug/l	98
86) p-Isopropyltoluene	13.367	119	287662	43.480	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	141996	45.601	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	140214	45.172	ug/l	97
89) n-Butylbenzene	13.696	91	276861	43.478	ug/l	99
90) Hexachloroethane	13.958	117	55659	44.516	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	127176	46.400	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12231	54.055	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	74909	46.151	ug/l	98
94) Hexachlorobutadiene	15.111	225	38957	43.356	ug/l	97
95) Naphthalene	15.233	128	176217	52.242	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	66077	48.227	ug/l	97

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

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