

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007048.D
 Acq On : 06 Jan 2022 21:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/11/2022
 Supervised By :Semsettin Yesilyurt 01/11/2022

Quant Time: Jan 07 11:50:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	151572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	264838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	237262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98664	55.145	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.280%			
35) Dibromofluoromethane	7.722	113	90271	51.853	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.700%			
50) Toluene-d8	10.185	98	332896	51.467	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.940%			
62) 4-Bromofluorobenzene	12.483	95	118357	48.587	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	18313	35.729	ug/l	100
3) Chloromethane	2.119	50	52530	47.914	ug/l	100
4) Vinyl Chloride	2.259	62	84119	57.609	ug/l	99
5) Bromomethane	2.662	94	57156	58.359	ug/l	98
6) Chloroethane	2.808	64	50467	56.296	ug/l	99
7) Trichlorofluoromethane	3.131	101	87958	49.470	ug/l	97
8) Diethyl Ether	3.527	74	55833	55.795	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.912	101	89369	50.427	ug/l	97
10) Methyl Iodide	4.094	142	143571	52.016	ug/l	99
11) Tert butyl alcohol	4.954	59	43896	272.061	ug/l	97
12) 1,1-Dichloroethene	3.875	96	93845	50.885	ug/l	93
13) Acrolein	3.735	56	12252	245.455	ug/l	95
14) Allyl chloride	4.485	41	148101	52.741	ug/l	98
15) Acrylonitrile	5.167	53	134768	273.220	ug/l	99
16) Acetone	3.948	43	103990	263.813	ug/l	97
17) Carbon Disulfide	4.198	76	272087	50.277	ug/l	99
18) Methyl Acetate	4.479	43	90636	53.594	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	196788	57.374	ug/l	95
20) Methylene Chloride	4.722	84	107767	41.429	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	102747	52.373	ug/l	97
22) Diisopropyl ether	6.125	45	305673	55.833	ug/l	98
23) Vinyl Acetate	6.064	43	945071	281.368	ug/l	98
24) 1,1-Dichloroethane	6.021	63	184951	54.958	ug/l	99
25) 2-Butanone	6.990	43	168484	296.855	ug/l	99
26) 2,2-Dichloropropane	6.984	77	129074	50.424	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	115662	52.840	ug/l	97
28) Bromochloromethane	7.338	49	73973	55.097	ug/l	97
29) Tetrahydrofuran	7.350	42	117693	279.136	ug/l	99
30) Chloroform	7.508	83	192732	54.796	ug/l	100
31) Cyclohexane	7.789	56	160740	48.031	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	162436	51.944	ug/l	99
36) 1,1-Dichloropropene	7.923	75	146171	50.377	ug/l	98
37) Ethyl Acetate	7.076	43	80412	54.019	ug/l	97
38) Carbon Tetrachloride	7.905	117	151914	50.058	ug/l	100
39) Methylcyclohexane	9.185	83	181134	47.635	ug/l	98
40) Benzene	8.167	78	402892	51.017	ug/l	97

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41) Methacrylonitrile	7.313	41	45007m	53.821	ug/l	
42) 1,2-Dichloroethane	8.240	62	127463	53.094	ug/l	98
43) Isopropyl Acetate	8.277	43	155837	54.369	ug/l	99
44) Trichloroethene	8.947	130	107504	48.747	ug/l	100
45) 1,2-Dichloropropane	9.222	63	102237	53.117	ug/l	99
46) Dibromomethane	9.313	93	61959	53.194	ug/l	98
47) Bromodichloromethane	9.502	83	150337	53.015	ug/l	97
48) Methyl methacrylate	9.295	41	73268	54.277	ug/l	99
49) 1,4-Dioxane	9.307	88	13000	1112.928	ug/l #	79
51) 4-Methyl-2-Pentanone	10.075	43	395850	278.439	ug/l	99
52) Toluene	10.246	92	254831	50.155	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	160384	52.513	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	178342	52.596	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	83768	52.269	ug/l	97
56) Ethyl methacrylate	10.514	69	124819	54.270	ug/l	99
57) 1,3-Dichloropropane	10.794	76	146674	53.477	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	252824	250.619	ug/l	98
59) 2-Hexanone	10.837	43	267036	289.940	ug/l	98
60) Dibromochloromethane	10.990	129	103330	52.710	ug/l	99
61) 1,2-Dibromoethane	11.093	107	84492	52.520	ug/l	100
64) Tetrachloroethene	10.721	164	87778	48.760	ug/l	98
65) Chlorobenzene	11.520	112	269671	50.211	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	100467	52.213	ug/l	100
67) Ethyl Benzene	11.593	91	498002	50.107	ug/l	99
68) m/p-Xylenes	11.703	106	373432	98.656	ug/l	99
69) o-Xylene	12.032	106	176918	49.837	ug/l	98
70) Styrene	12.044	104	305057	50.585	ug/l	100
71) Bromoform	12.209	173	60328	51.916	ug/l #	100
73) Isopropylbenzene	12.331	105	461918	49.424	ug/l	100
74) N-amyl acetate	12.148	43	132877	54.371	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	95791	53.702	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	81385m	61.436	ug/l	
77) Bromobenzene	12.611	156	103705	50.978	ug/l	98
78) n-propylbenzene	12.672	91	564194	49.609	ug/l	99
79) 2-Chlorotoluene	12.758	91	323425	49.869	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	381933	49.460	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	35849	49.426	ug/l #	99
82) 4-Chlorotoluene	12.855	91	332257	49.341	ug/l	100
83) tert-Butylbenzene	13.075	119	336729	49.458	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	378036	49.754	ug/l	99
85) sec-Butylbenzene	13.257	105	486704	49.055	ug/l	99
86) p-Isopropyltoluene	13.373	119	395832	48.535	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	196834	50.019	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	195158	49.504	ug/l	100
89) n-Butylbenzene	13.696	91	380358	48.303	ug/l	99
90) Hexachloroethane	13.965	117	78897	48.711	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	173610	49.812	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	16311	48.835	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	101784	48.005	ug/l	99
94) Hexachlorobutadiene	15.117	225	50691	45.649	ug/l	99
95) Naphthalene	15.239	128	233352	49.281	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	87290	47.715	ug/l	98

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

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