

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004925.D
 Acq On : 03 Jun 2021 10:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/4/2021 4:33:12 PM

Quant Time: Jun 04 01:12:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	288181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	457680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	403784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	178004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	151255	49.647	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.300%
35) Dibromofluoromethane	7.728	113	129547	52.611	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.220%
50) Toluene-d8	10.185	98	514841	50.343	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.483	95	169090	48.077	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	132738	50.723	ug/l	99
3) Chloromethane	2.119	50	175680	49.166	ug/l	99
4) Vinyl Chloride	2.259	62	178685	51.978	ug/l	96
5) Bromomethane	2.656	94	99118	50.873	ug/l	96
6) Chloroethane	2.802	64	105072	51.100	ug/l	97
7) Trichlorofluoromethane	3.131	101	253225	52.080	ug/l	98
8) Diethyl Ether	3.540	74	91587	48.514	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.905	101	151548	51.102	ug/l	99
10) Methyl Iodide	4.100	142	148915	52.601	ug/l	98
11) Tert butyl alcohol	4.966	59	74363	212.245	ug/l	98
12) 1,1-Dichloroethene	3.881	96	149458	50.465	ug/l	99
13) Acrolein	3.741	56	89277	285.673	ug/l	99
14) Allyl chloride	4.491	41	279121	51.691	ug/l	99
15) Acrylonitrile	5.173	53	222737	250.903	ug/l	99
16) Acetone	3.960	43	160128	218.339	ug/l	99
17) Carbon Disulfide	4.204	76	460550	50.568	ug/l	99
18) Methyl Acetate	4.485	43	112707	47.956	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	386599	50.710	ug/l	99
20) Methylene Chloride	4.728	84	178067	50.511	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	166200	49.993	ug/l	95
22) Diisopropyl ether	6.124	45	512642	51.715	ug/l	99
23) Vinyl Acetate	6.070	43	1897896	263.152	ug/l	100
24) 1,1-Dichloroethane	6.027	63	302112	50.638	ug/l	99
25) 2-Butanone	6.996	43	294428	238.748	ug/l	99
26) 2,2-Dichloropropane	6.990	77	266012	52.754	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	186234	51.120	ug/l	99
28) Bromochloromethane	7.338	49	135980	51.020	ug/l	97
29) Tetrahydrofuran	7.356	42	198018	252.474	ug/l	99
30) Chloroform	7.514	83	286607	50.661	ug/l	97
31) Cyclohexane	7.789	56	268943	50.139	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	262659	52.928	ug/l	99
36) 1,1-Dichloropropene	7.923	75	242316	54.098	ug/l	99
37) Ethyl Acetate	7.082	43	146039	49.565	ug/l	99
38) Carbon Tetrachloride	7.905	117	219719	56.364	ug/l	98
39) Methylcyclohexane	9.185	83	259281	52.404	ug/l	99
40) Benzene	8.167	78	686716	53.582	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	81229	50.149	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	198707	53.705	ug/l	99
43) Isopropyl Acetate	8.283	43	278249	52.603	ug/l	99
44) Trichloroethene	8.941	130	176306	52.561	ug/l	95
45) 1,2-Dichloropropane	9.221	63	169003	50.385	ug/l	99
46) Dibromomethane	9.307	93	90773	50.671	ug/l	100
47) Bromodichloromethane	9.502	83	216239	51.415	ug/l	100
48) Methyl methacrylate	9.295	41	122289	50.811	ug/l	99
49) 1,4-Dioxane	9.307	88	20681	956.218	ug/l	92
51) 4-Methyl-2-Pentanone	10.075	43	703776	253.797	ug/l	100
52) Toluene	10.246	92	406456	52.412	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	234983	50.480	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	269541	50.965	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	126918	50.972	ug/l	98
56) Ethyl methacrylate	10.514	69	186142	52.218	ug/l	98
57) 1,3-Dichloropropane	10.794	76	225447	50.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	425339	236.111	ug/l	100
59) 2-Hexanone	10.837	43	468524	249.971	ug/l	98
60) Dibromochloromethane	10.989	129	146661	51.785	ug/l	100
61) 1,2-Dibromoethane	11.093	107	121874	51.034	ug/l	100
64) Tetrachloroethene	10.721	164	175598	52.007	ug/l	99
65) Chlorobenzene	11.520	112	414823	51.851	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	146069	51.215	ug/l	98
67) Ethyl Benzene	11.593	91	782631	52.935	ug/l	99
68) m/p-Xylenes	11.703	106	583252	105.289	ug/l	100
69) o-Xylene	12.032	106	272897	52.902	ug/l	99
70) Styrene	12.044	104	460130	53.537	ug/l	99
71) Bromoform	12.209	173	87581	52.081	ug/l #	99
73) Isopropylbenzene	12.331	105	737809	54.870	ug/l	99
74) N-amyl acetate	12.148	43	232786	53.658	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	139436	51.657	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	98330m	50.393	ug/l	
77) Bromobenzene	12.611	156	156051	51.940	ug/l	97
78) n-propylbenzene	12.672	91	878826	54.222	ug/l	100
79) 2-Chlorotoluene	12.757	91	477023	52.795	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	596873	53.806	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	55505	52.277	ug/l #	75
82) 4-Chlorotoluene	12.855	91	489602	53.028	ug/l	100
83) tert-Butylbenzene	13.074	119	514287	54.808	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	594198	53.899	ug/l	100
85) sec-Butylbenzene	13.257	105	740435	54.201	ug/l	100
86) p-Isopropyltoluene	13.373	119	645558	55.089	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	302349	52.865	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	298914	52.403	ug/l	99
89) n-Butylbenzene	13.696	91	620807	55.080	ug/l	99
90) Hexachloroethane	13.965	117	92645	53.266	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	265296	52.500	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	22992	51.445	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	172217	54.268	ug/l	99
94) Hexachlorobutadiene	15.111	225	93709	55.969	ug/l	99
95) Naphthalene	15.239	128	381723	54.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	151632	54.276	ug/l	99

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

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