

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062521\
 Data File : VY005236.D
 Acq On : 25 Jun 2021 19:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/28/2021 11:58:02 AM

Quant Time: Jun 26 05:14:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	326720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	479922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	444767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	228810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	145764	53.762	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.520%	
35) Dibromofluoromethane	7.728	113	142031	50.181	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.360%	
50) Toluene-d8	10.185	98	563690	49.801	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.600%	
62) 4-Bromofluorobenzene	12.483	95	191338	50.729	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	91109	42.409	ug/l	97
3) Chloromethane	2.113	50	136927	47.856	ug/l	98
4) Vinyl Chloride	2.260	62	162398	49.642	ug/l	98
5) Bromomethane	2.656	94	112344	54.143	ug/l	95
6) Chloroethane	2.802	64	104713	48.948	ug/l	99
7) Trichlorofluoromethane	3.131	101	213609	48.844	ug/l	99
8) Diethyl Ether	3.540	74	86693	52.989	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.912	101	134721	50.317	ug/l	99
10) Methyl Iodide	4.101	142	166510	43.718	ug/l	100
11) Tert butyl alcohol	4.979	59	66175	181.140	ug/l	95
12) 1,1-Dichloroethene	3.881	96	133449	49.333	ug/l	97
13) Acrolein	3.741	56	36319	272.616	ug/l	93
14) Allyl chloride	4.491	41	204626	52.661	ug/l	99
15) Acrylonitrile	5.180	53	213314	280.678	ug/l	100
16) Acetone	3.961	43	158407	252.906	ug/l	99
17) Carbon Disulfide	4.204	76	418338	49.169	ug/l	100
18) Methyl Acetate	4.491	43	91679	55.076	ug/l	97
19) Methyl tert-butyl Ether	5.235	73	401773	54.324	ug/l	100
20) Methylene Chloride	4.729	84	179582	55.202	ug/l	98
21) trans-1,2-Dichloroethene	5.229	96	154629	51.336	ug/l	98
22) Diisopropyl ether	6.131	45	446540	55.282	ug/l	99
23) Vinyl Acetate	6.076	43	1467257	280.696	ug/l	99
24) 1,1-Dichloroethane	6.027	63	268989	53.656	ug/l	98
25) 2-Butanone	6.997	43	254200	278.328	ug/l	97
26) 2,2-Dichloropropane	6.990	77	215029	49.187	ug/l	100
27) cis-1,2-Dichloroethene	6.997	96	177754	52.471	ug/l	98
28) Bromochloromethane	7.344	49	114284	56.977	ug/l	96
29) Tetrahydrofuran	7.362	42	170099	283.075	ug/l	100
30) Chloroform	7.515	83	271658	53.250	ug/l	97
31) Cyclohexane	7.789	56	237164	48.996	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	235352	51.725	ug/l	99
36) 1,1-Dichloropropene	7.923	75	207030	48.989	ug/l	99
37) Ethyl Acetate	7.088	43	114716	52.640	ug/l	100
38) Carbon Tetrachloride	7.911	117	213456	48.252	ug/l	99
39) Methylcyclohexane	9.185	83	266404	48.709	ug/l	99
40) Benzene	8.167	78	623149	50.007	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	58595m	48.481	ug/l	
42) 1,2-Dichloroethane	8.246	62	175081	51.727	ug/l	100
43) Isopropyl Acetate	8.283	43	217385	54.269	ug/l	100
44) Trichloroethene	8.941	130	175531	49.823	ug/l	98
45) 1,2-Dichloropropane	9.222	63	156186	52.380	ug/l	98
46) Dibromomethane	9.313	93	89894	51.839	ug/l	97
47) Bromodichloromethane	9.502	83	210708	51.821	ug/l	99
48) Methyl methacrylate	9.301	41	97013	55.205	ug/l	98
49) 1,4-Dioxane	9.307	88	23362	1024.471	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	579781	276.533	ug/l	100
52) Toluene	10.246	92	399980	50.217	ug/l	100
53) t-1,3-Dichloropropene	10.472	75	230712	51.835	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	259123	51.639	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	132237	52.218	ug/l	98
56) Ethyl methacrylate	10.514	69	190732	55.483	ug/l	98
57) 1,3-Dichloropropane	10.795	76	222844	52.539	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	395385	260.773	ug/l	98
59) 2-Hexanone	10.837	43	403230	279.629	ug/l	100
60) Dibromochloromethane	10.990	129	162569	52.406	ug/l	100
61) 1,2-Dibromoethane	11.093	107	129427	52.541	ug/l	98
64) Tetrachloroethene	10.721	164	161906	49.330	ug/l	99
65) Chlorobenzene	11.520	112	438429	49.734	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	165668	50.632	ug/l	99
67) Ethyl Benzene	11.593	91	757990	49.864	ug/l	100
68) m/p-Xylenes	11.703	106	606762	99.629	ug/l	100
69) o-Xylene	12.032	106	289579	50.213	ug/l	99
70) Styrene	12.044	104	496708	51.224	ug/l	99
71) Bromoform	12.209	173	114464	51.412	ug/l	100
73) Isopropylbenzene	12.331	105	743690	50.112	ug/l	99
74) N-amyl acetate	12.148	43	195895	55.775	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	154379	52.793	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	102816m	50.666	ug/l	
77) Bromobenzene	12.611	156	196107	49.799	ug/l	96
78) n-propylbenzene	12.672	91	877483	50.144	ug/l	100
79) 2-Chlorotoluene	12.758	91	499978	50.648	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	618484	50.378	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	55870	51.368	ug/l	98
82) 4-Chlorotoluene	12.855	91	511772	50.111	ug/l	100
83) tert-Butylbenzene	13.075	119	550946	50.338	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	615418	50.703	ug/l	99
85) sec-Butylbenzene	13.258	105	792034	49.740	ug/l	100
86) p-Isopropyltoluene	13.367	119	684183	49.799	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	370911	49.334	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	369615	49.714	ug/l	100
89) n-Butylbenzene	13.697	91	600092	49.722	ug/l	100
90) Hexachloroethane	13.959	117	127524	51.383	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	336346	50.464	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	25300	51.941	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	238268	50.722	ug/l	99
94) Hexachlorobutadiene	15.111	225	146390	49.794	ug/l	99
95) Naphthalene	15.239	128	478175	55.152	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	216065	52.226	ug/l	99

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

