

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080521\
 Data File : VY005544.D
 Acq On : 05 Aug 2021 09:56
 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

8/6/2021 5:41:39 PM

Quant Time: Aug 06 04:35:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	316063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	456637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	411695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	204289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	146681	45.847	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.700%
35) Dibromofluoromethane	7.722	113	124619	48.744	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.480%
50) Toluene-d8	10.185	98	520522	48.546	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.483	95	170026	47.886	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	106830	41.153	ug/l	96
3) Chloromethane	2.119	50	134155	43.263	ug/l	99
4) Vinyl Chloride	2.259	62	168101	45.259	ug/l	100
5) Bromomethane	2.656	94	108075	44.207	ug/l	97
6) Chloroethane	2.802	64	108891	48.570	ug/l	99
7) Trichlorofluoromethane	3.137	101	239640	48.189	ug/l	97
8) Diethyl Ether	3.540	74	80430	46.308	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.911	101	136637	50.655	ug/l	98
10) Methyl Iodide	4.100	142	171395	51.002	ug/l	98
11) Tert butyl alcohol	4.966	59	61021	192.935	ug/l	99
12) 1,1-Dichloroethene	3.881	96	134850	49.507	ug/l	98
13) Acrolein	3.741	56	40585	212.684	ug/l	97
14) Allyl chloride	4.491	41	241429	50.606	ug/l	99
15) Acrylonitrile	5.173	53	197262	221.611	ug/l	99
16) Acetone	3.954	43	224242	277.998	ug/l	96
17) Carbon Disulfide	4.204	76	403385	48.042	ug/l	100
18) Methyl Acetate	4.485	43	87236	41.351	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	398053	47.173	ug/l	100
20) Methylene Chloride	4.728	84	166081	52.214	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	150320	49.361	ug/l	97
22) Diisopropyl ether	6.125	45	499520	50.753	ug/l	98
23) Vinyl Acetate	6.070	43	1562003	238.477	ug/l	100
24) 1,1-Dichloroethane	6.027	63	280668	51.458	ug/l	99
25) 2-Butanone	6.996	43	283436	237.710	ug/l	98
26) 2,2-Dichloropropane	6.990	77	258291	51.831	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	173786	50.176	ug/l	98
28) Bromochloromethane	7.344	49	101148	46.463	ug/l	97
29) Tetrahydrofuran	7.356	42	165425	209.757	ug/l	99
30) Chloroform	7.514	83	278123	49.959	ug/l	99
31) Cyclohexane	7.789	56	265693	48.416	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	258320	50.477	ug/l	100
36) 1,1-Dichloropropene	7.923	75	220604	51.508	ug/l	99
37) Ethyl Acetate	7.082	43	113139	43.605	ug/l	99
38) Carbon Tetrachloride	7.905	117	235633	50.621	ug/l	97
39) Methylcyclohexane	9.185	83	279251	51.248	ug/l	99
40) Benzene	8.167	78	625114	50.968	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	66321m	47.109	ug/l	
42) 1,2-Dichloroethane	8.240	62	190284	47.830	ug/l	100
43) Isopropyl Acetate	8.277	43	223745	45.548	ug/l	99
44) Trichloroethene	8.941	130	170176	50.838	ug/l	98
45) 1,2-Dichloropropane	9.222	63	156482	50.999	ug/l	99
46) Dibromomethane	9.307	93	81414	47.987	ug/l	98
47) Bromodichloromethane	9.502	83	214187	50.443	ug/l	98
48) Methyl methacrylate	9.295	41	100852	45.428	ug/l	98
49) 1,4-Dioxane	9.307	88	20913	886.936	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	574238	221.972	ug/l	99
52) Toluene	10.246	92	395870	50.620	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	232817	49.063	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	260503	50.585	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	118712	48.359	ug/l	98
56) Ethyl methacrylate	10.514	69	173489	47.198	ug/l	99
57) 1,3-Dichloropropane	10.794	76	208941	48.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	422549	240.585	ug/l	99
59) 2-Hexanone	10.837	43	428398	234.294	ug/l	100
60) Dibromochloromethane	10.989	129	146366	48.179	ug/l	100
61) 1,2-Dibromoethane	11.093	107	110281	47.426	ug/l	98
64) Tetrachloroethene	10.721	164	159367	50.855	ug/l	99
65) Chlorobenzene	11.520	112	421742	50.906	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	158244	50.749	ug/l	99
67) Ethyl Benzene	11.593	91	773660	51.499	ug/l	99
68) m/p-Xylenes	11.703	106	601881	103.153	ug/l	100
69) o-Xylene	12.032	106	285596	50.926	ug/l	100
70) Styrene	12.044	104	481954	51.056	ug/l	99
71) Bromoform	12.209	173	95957	47.454	ug/l	100
73) Isopropylbenzene	12.331	105	759087	53.232	ug/l	100
74) N-amyl acetate	12.148	43	208881	48.661	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	131386	47.903	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	94703m	44.734	ug/l	
77) Bromobenzene	12.611	156	180801	51.607	ug/l	99
78) n-propylbenzene	12.672	91	915657	54.064	ug/l	99
79) 2-Chlorotoluene	12.757	91	506458	53.254	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	628001	53.066	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	51594	49.129	ug/l	97
82) 4-Chlorotoluene	12.855	91	518787	52.721	ug/l	100
83) tert-Butylbenzene	13.074	119	553025	52.078	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	621823	53.251	ug/l	99
85) sec-Butylbenzene	13.257	105	824638	53.840	ug/l	99
86) p-Isopropyltoluene	13.373	119	703195	53.474	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	355731	52.037	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	348753	51.427	ug/l	100
89) n-Butylbenzene	13.696	91	651744	54.706	ug/l	100
90) Hexachloroethane	13.965	117	126293	53.418	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	308361	51.068	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	23449	45.100	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	218239	52.615	ug/l	100
94) Hexachlorobutadiene	15.117	225	143594	53.466	ug/l	99
95) Naphthalene	15.239	128	396819	48.531	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	187227	50.949	ug/l	100

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

