

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005655.D
 Acq On : 13 Aug 2021 23:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/16/2021 5:05:36 PM

Quant Time: Aug 14 03:41:31 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	198731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	309900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	290569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	111734	55.543	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.080%	
35) Dibromofluoromethane	7.728	113	89493	51.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.160%	
50) Toluene-d8	10.179	98	360374	49.524	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.040%	
62) 4-Bromofluorobenzene	12.483	95	123452	51.232	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	73095	44.782	ug/l	94
3) Chloromethane	2.119	50	87148	44.697	ug/l	98
4) Vinyl Chloride	2.253	62	106930	45.787	ug/l	97
5) Bromomethane	2.650	94	69852	45.441	ug/l	99
6) Chloroethane	2.796	64	70588	50.074	ug/l	99
7) Trichlorofluoromethane	3.131	101	152743	48.849	ug/l	98
8) Diethyl Ether	3.540	74	58783	53.826	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.905	101	84849	50.028	ug/l	98
10) Methyl Iodide	4.100	142	111360	52.702	ug/l	98
11) Tert butyl alcohol	4.972	59	58411	293.721	ug/l	99
12) 1,1-Dichloroethene	3.881	96	84087	49.097	ug/l	92
13) Acrolein	3.735	56	30942	257.884	ug/l	99
14) Allyl chloride	4.491	41	163412	54.476	ug/l	98
15) Acrylonitrile	5.173	53	161672	288.862	ug/l	99
16) Acetone	3.954	43	128842	254.033	ug/l	99
17) Carbon Disulfide	4.204	76	249852	47.325	ug/l	98
18) Methyl Acetate	4.485	43	82768	62.397	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	299654	56.478	ug/l	99
20) Methylene Chloride	4.728	84	113341	57.260	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	98962	51.683	ug/l	96
22) Diisopropyl ether	6.125	45	365358	59.039	ug/l	96
23) Vinyl Acetate	6.070	43	1173664	284.982	ug/l	98
24) 1,1-Dichloroethane	6.027	63	194531	56.722	ug/l	100
25) 2-Butanone	6.996	43	213303	284.509	ug/l	98
26) 2,2-Dichloropropane	6.990	77	150481	48.025	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	118977	54.632	ug/l	98
28) Bromochloromethane	7.338	49	80285	58.653	ug/l	94
29) Tetrahydrofuran	7.356	42	142823	288.020	ug/l	99
30) Chloroform	7.515	83	197007	56.281	ug/l	100
31) Cyclohexane	7.789	56	164578	47.696	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	172101	53.485	ug/l	99
36) 1,1-Dichloropropene	7.923	75	143161	49.253	ug/l	99
37) Ethyl Acetate	7.082	43	94593	53.719	ug/l	99
38) Carbon Tetrachloride	7.905	117	155280	49.154	ug/l	96
39) Methylcyclohexane	9.185	83	170908	46.217	ug/l	99
40) Benzene	8.167	78	422643	50.777	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	48527m	50.791	ug/l	
42) 1,2-Dichloroethane	8.246	62	146501	54.261	ug/l	98
43) Isopropyl Acetate	8.277	43	182823	54.839	ug/l	98
44) Trichloroethene	8.941	130	114749	50.511	ug/l	100
45) 1,2-Dichloropropane	9.222	63	111588	53.587	ug/l	99
46) Dibromomethane	9.307	93	60694	52.713	ug/l	97
47) Bromodichloromethane	9.502	83	154302	53.547	ug/l	98
48) Methyl methacrylate	9.295	41	83635	55.511	ug/l	98
49) 1,4-Dioxane	9.307	88	17883	1117.547	ug/l	90
51) 4-Methyl-2-Pentanone	10.075	43	496687	282.904	ug/l	98
52) Toluene	10.246	92	270240	50.918	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	165336	51.340	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	179595	51.387	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	87887	52.755	ug/l	98
56) Ethyl methacrylate	10.514	69	134739	54.013	ug/l	95
57) 1,3-Dichloropropane	10.794	76	157701	53.680	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	339706	285.000	ug/l	97
59) 2-Hexanone	10.837	43	349198	281.407	ug/l	99
60) Dibromochloromethane	10.983	129	109881	53.296	ug/l	100
61) 1,2-Dibromoethane	11.087	107	82345	52.180	ug/l	99
64) Tetrachloroethene	10.721	164	113259	51.208	ug/l	97
65) Chlorobenzene	11.520	112	294958	50.444	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	113942	51.774	ug/l	99
67) Ethyl Benzene	11.593	91	531084	50.089	ug/l	99
68) m/p-Xylenes	11.703	106	409675	99.480	ug/l	98
69) o-Xylene	12.026	106	198451	50.138	ug/l	99
70) Styrene	12.044	104	343221	51.515	ug/l	99
71) Bromoform	12.209	173	75060	52.593	ug/l #	100
73) Isopropylbenzene	12.331	105	516853	48.685	ug/l	99
74) N-amyl acetate	12.142	43	168033	52.580	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	105931	51.878	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	86203m	54.694	ug/l	
77) Bromobenzene	12.605	156	131422	50.387	ug/l	97
78) n-propylbenzene	12.672	91	619412	49.125	ug/l	99
79) 2-Chlorotoluene	12.757	91	353325	49.903	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	438572	49.778	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	36939	47.246	ug/l	99
82) 4-Chlorotoluene	12.855	91	366519	50.031	ug/l	100
83) tert-Butylbenzene	13.074	119	383345	48.489	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	434674	50.000	ug/l	100
85) sec-Butylbenzene	13.251	105	555910	48.751	ug/l	99
86) p-Isopropyltoluene	13.367	119	474002	48.416	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	251969	49.509	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	246871	48.897	ug/l	99
89) n-Butylbenzene	13.696	91	426215	48.055	ug/l	99
90) Hexachloroethane	13.958	117	88134	50.072	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	225170	50.089	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19818	51.198	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	150614	48.773	ug/l	100
94) Hexachlorobutadiene	15.111	225	93306	46.665	ug/l	98
95) Naphthalene	15.233	128	309312	50.812	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	137515	50.265	ug/l	99

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

