

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005731.D
 Acq On : 18 Aug 2021 11:53
 Operator : SY/MD
 Sample : M3390-05MS
 Misc : 5.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-03-1015MS

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:57:17 PM

Quant Time: Aug 19 05:16:05 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	197280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	299524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	278563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114221	57.197	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.400%
35) Dibromofluoromethane	7.722	113	89452	53.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.680%
50) Toluene-d8	10.185	98	360443	51.250	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.500%
62) 4-Bromofluorobenzene	12.483	95	124531	53.470	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.940%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	85079	52.508	ug/l	97
3) Chloromethane	2.119	50	104897	54.196	ug/l	99
4) Vinyl Chloride	2.253	62	133598	57.627	ug/l	100
5) Bromomethane	2.650	94	85945	56.322	ug/l	100
6) Chloroethane	2.796	64	87483	62.515	ug/l	99
7) Trichlorofluoromethane	3.131	101	181722	58.545	ug/l	99
8) Diethyl Ether	3.540	74	68319	63.018	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.905	101	100721	59.823	ug/l	99
10) Methyl Iodide	4.101	142	127110	60.598	ug/l	99
11) Tert butyl alcohol	4.966	59	66669	337.712	ug/l	99
12) 1,1-Dichloroethene	3.881	96	102779	60.452	ug/l	96
13) Acrolein	3.735	56	30137	253.022	ug/l	99
14) Allyl chloride	4.491	41	186776	62.723	ug/l	100
15) Acrylonitrile	5.174	53	164991	296.960	ug/l	99
16) Acetone	3.954	43	224835	446.559	ug/l	98
17) Carbon Disulfide	4.198	76	290980	55.521	ug/l	100
18) Methyl Acetate	4.485	43	90450	68.689	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	304455	57.805	ug/l	100
20) Methylene Chloride	4.728	84	119740	61.381	ug/l	93
21) trans-1,2-Dichloroethene	5.234	96	98883	52.022	ug/l	94
22) Diisopropyl ether	6.131	45	353576	57.555	ug/l	99
23) Vinyl Acetate	6.070	43	1135135	277.654	ug/l	99
24) 1,1-Dichloroethane	6.027	63	188777	55.449	ug/l	99
25) 2-Butanone	6.996	43	245521	329.891	ug/l	100
26) 2,2-Dichloropropane	6.990	77	176257	56.665	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	117215	54.219	ug/l	96
28) Bromochloromethane	7.344	49	68635	50.510	ug/l	96
29) Tetrahydrofuran	7.350	42	146092	296.779	ug/l	98
30) Chloroform	7.515	83	195025	56.125	ug/l	98
31) Cyclohexane	7.789	56	166261	48.539	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	177377	55.530	ug/l	99
36) 1,1-Dichloropropene	7.923	75	143868	51.211	ug/l	99
37) Ethyl Acetate	7.082	43	96319	56.594	ug/l	99
38) Carbon Tetrachloride	7.905	117	162665	53.275	ug/l	98
39) Methylcyclohexane	9.185	83	171371	47.947	ug/l	99
40) Benzene	8.167	78	419061	52.091	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	49727m	53.850	ug/l	
42) 1,2-Dichloroethane	8.240	62	143983	55.176	ug/l	99
43) Isopropyl Acetate	8.277	43	186037	57.737	ug/l	98
44) Trichloroethene	8.941	130	114925	52.341	ug/l	99
45) 1,2-Dichloropropane	9.222	63	109506	54.409	ug/l	99
46) Dibromomethane	9.307	93	61712	55.454	ug/l	97
47) Bromodichloromethane	9.502	83	154473	55.463	ug/l	99
48) Methyl methacrylate	9.295	41	86335	59.288	ug/l	97
49) 1,4-Dioxane	9.301	88	18387	1188.848	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	511144	301.224	ug/l	99
52) Toluene	10.246	92	272331	53.089	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	174543	56.076	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	186751	55.285	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	89528	55.601	ug/l	94
56) Ethyl methacrylate	10.514	69	138156	57.301	ug/l	96
57) 1,3-Dichloropropane	10.794	76	159090	56.029	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	336483	292.075	ug/l	99
59) 2-Hexanone	10.837	43	377472	314.730	ug/l	99
60) Dibromochloromethane	10.990	129	111091	55.749	ug/l	99
61) 1,2-Dibromoethane	11.093	107	84525	55.417	ug/l	98
64) Tetrachloroethene	10.721	164	109024	51.417	ug/l	99
65) Chlorobenzene	11.520	112	297538	53.079	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	115441	54.716	ug/l	99
67) Ethyl Benzene	11.593	91	531787	52.317	ug/l	98
68) m/p-Xylenes	11.703	106	415080	105.137	ug/l	99
69) o-Xylene	12.032	106	200564	52.855	ug/l	99
70) Styrene	12.044	104	344924	54.002	ug/l	100
71) Bromoform	12.209	173	77129	56.372	ug/l #	100
73) Isopropylbenzene	12.331	105	528276	50.818	ug/l	100
74) N-amyl acetate	12.142	43	165029	52.736	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	108730	54.380	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	92246m	59.771	ug/l	
77) Bromobenzene	12.611	156	131950	51.664	ug/l	97
78) n-propylbenzene	12.672	91	632788	51.252	ug/l	99
79) 2-Chlorotoluene	12.758	91	356156	51.371	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	441893	51.221	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	42030	54.899	ug/l	98
82) 4-Chlorotoluene	12.855	91	373556	52.075	ug/l	100
83) tert-Butylbenzene	13.075	119	393435	50.822	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	446287	52.426	ug/l	100
85) sec-Butylbenzene	13.251	105	576419	51.624	ug/l	99
86) p-Isopropyltoluene	13.367	119	493870	51.517	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	257537	51.678	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	255254	51.631	ug/l	99
89) n-Butylbenzene	13.696	91	443710	51.090	ug/l	99
90) Hexachloroethane	13.959	117	89744	52.070	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	232715	52.867	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21304	56.206	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	157768	52.175	ug/l	99
94) Hexachlorobutadiene	15.111	225	94862	48.451	ug/l	99
95) Naphthalene	15.233	128	326067	54.702	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	140146	52.315	ug/l	100

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

