

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070921\
 Data File : VY005399.D
 Acq On : 09 Jul 2021 15:13
 Operator : SY/MD
 Sample : VY0709SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:46:38 PM

Quant Time: Jul 10 07:58:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 10 07:49:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	336842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	481798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	438403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	231775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	152372	48.284	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.560%		
35) Dibromofluoromethane	7.722	113	141052	49.885	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.760%		
50) Toluene-d8	10.185	98	586647	48.742	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.480%		
62) 4-Bromofluorobenzene	12.483	95	195892	48.282	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	62696	20.891	ug/l	99
3) Chloromethane	2.113	50	58823	19.264	ug/l	100
4) Vinyl Chloride	2.253	62	73705	19.515	ug/l	97
5) Bromomethane	2.644	94	61357	21.834	ug/l	99
6) Chloroethane	2.796	64	47122	19.892	ug/l	99
7) Trichlorofluoromethane	3.125	101	114766	20.637	ug/l	100
8) Diethyl Ether	3.534	74	38936	20.188	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	65327	20.891	ug/l	99
10) Methyl Iodide	4.095	142	68097	17.894	ug/l	98
11) Tert butyl alcohol	4.985	59	31871	62.070	ug/l	99
12) 1,1-Dichloroethene	3.875	96	64907	20.213	ug/l	96
13) Acrolein	3.735	56	26654	112.771	ug/l	97
14) Allyl chloride	4.485	41	91123	20.398	ug/l	99
15) Acrylonitrile	5.174	53	88279	100.576	ug/l	98
16) Acetone	3.960	43	65862	97.475	ug/l	100
17) Carbon Disulfide	4.198	76	205765	20.527	ug/l	100
18) Methyl Acetate	4.485	43	37030	19.775	ug/l	100
19) Methyl tert-butyl Ether	5.229	73	179281	20.628	ug/l	96
20) Methylene Chloride	4.723	84	97231	22.316	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	73222	20.461	ug/l	96
22) Diisopropyl ether	6.125	45	185590	20.854	ug/l	97
23) Vinyl Acetate	6.064	43	613467	104.180	ug/l	100
24) 1,1-Dichloroethane	6.027	63	117149	20.855	ug/l	99
25) 2-Butanone	6.996	43	104447	98.101	ug/l	100
26) 2,2-Dichloropropane	6.990	77	106726	20.473	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	80849	20.399	ug/l	99
28) Bromochloromethane	7.338	49	41773	19.812	ug/l	96
29) Tetrahydrofuran	7.356	42	70795	100.240	ug/l	98
30) Chloroform	7.509	83	123616	20.531	ug/l	100
31) Cyclohexane	7.789	56	115444	20.641	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	115343	20.691	ug/l	100
36) 1,1-Dichloropropene	7.923	75	96817	20.584	ug/l	99
37) Ethyl Acetate	7.082	43	48683	20.585	ug/l	99
38) Carbon Tetrachloride	7.905	117	107790	20.498	ug/l	99
39) Methylcyclohexane	9.185	83	128652	20.785	ug/l	99
40) Benzene	8.167	78	284405	20.630	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	23039m	17.080	ug/l	
42) 1,2-Dichloroethane	8.240	62	81456	20.459	ug/l	100
43) Isopropyl Acetate	8.277	43	87930	20.269	ug/l	99
44) Trichloroethene	8.941	130	82704	20.384	ug/l	98
45) 1,2-Dichloropropane	9.216	63	65940	20.473	ug/l	99
46) Dibromomethane	9.307	93	38563	20.434	ug/l	99
47) Bromodichloromethane	9.502	83	94199	20.613	ug/l	98
48) Methyl methacrylate	9.295	41	40582	20.235	ug/l	98
49) 1,4-Dioxane	9.307	88	12005	397.030	ug/l	90
51) 4-Methyl-2-Pentanone	10.075	43	242929	101.336	ug/l	100
52) Toluene	10.246	92	184514	20.334	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	103289	20.240	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	116578	20.724	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	58112	20.752	ug/l	99
56) Ethyl methacrylate	10.514	69	79500	20.425	ug/l	100
57) 1,3-Dichloropropane	10.795	76	97036	20.526	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	180126	108.243	ug/l	100
59) 2-Hexanone	10.837	43	170028	101.552	ug/l	99
60) Dibromochloromethane	10.990	129	70578	20.172	ug/l	98
61) 1,2-Dibromoethane	11.093	107	55252	20.505	ug/l	100
64) Tetrachloroethene	10.721	164	77792	19.622	ug/l	99
65) Chlorobenzene	11.520	112	200805	20.582	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	74309	20.480	ug/l	99
67) Ethyl Benzene	11.593	91	348815	20.401	ug/l	100
68) m/p-Xylenes	11.703	106	281283	41.120	ug/l	100
69) o-Xylene	12.032	106	133832	20.568	ug/l	99
70) Styrene	12.044	104	227349	20.616	ug/l	100
71) Bromoform	12.209	173	48660	20.287	ug/l #	98
73) Isopropylbenzene	12.331	105	352158	20.878	ug/l	100
74) N-amyl acetate	12.148	43	82210	20.569	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	65856	21.039	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	46710m	20.838	ug/l	
77) Bromobenzene	12.611	156	88207	20.728	ug/l	99
78) n-propylbenzene	12.672	91	412811	20.794	ug/l	100
79) 2-Chlorotoluene	12.758	91	229955	20.613	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	291853	20.742	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	24456	20.283	ug/l	100
82) 4-Chlorotoluene	12.855	91	236894	20.430	ug/l	100
83) tert-Butylbenzene	13.075	119	268970	21.502	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	291967	20.767	ug/l	100
85) sec-Butylbenzene	13.258	105	379772	20.777	ug/l	100
86) p-Isopropyltoluene	13.373	119	328288	20.685	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	173206	20.531	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	172867	20.730	ug/l	100
89) n-Butylbenzene	13.697	91	293221	20.845	ug/l	99
90) Hexachloroethane	13.965	117	58516	20.595	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	153814	20.625	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11913	20.121	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	107693	21.051	ug/l	99
94) Hexachlorobutadiene	15.117	225	67373	21.085	ug/l	99
95) Naphthalene	15.239	128	207952	20.608	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	95238	21.073	ug/l	100

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

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