

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005707.D
 Acq On : 17 Aug 2021 12:51
 Operator : SY/MD
 Sample : VY0817SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0817SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/18/2021 6:59:41 PM

Quant Time: Aug 18 01:51:00 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	216695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	317273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	292970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	113040	51.534	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.060%
35) Dibromofluoromethane	7.728	113	87999	49.540	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.080%
50) Toluene-d8	10.185	98	364446	48.920	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.483	95	123945	50.241	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.480%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	42157	23.687	ug/l	97
3) Chloromethane	2.119	50	49047	23.070	ug/l	97
4) Vinyl Chloride	2.259	62	60968	23.942	ug/l	96
5) Bromomethane	2.643	94	36388	21.709	ug/l	98
6) Chloroethane	2.796	64	33747	21.955	ug/l	99
7) Trichlorofluoromethane	3.131	101	72461	21.253	ug/l	99
8) Diethyl Ether	3.533	74	24129	20.263	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.905	101	38807	20.984	ug/l	99
10) Methyl Iodide	4.100	142	45126	19.586	ug/l	99
11) Tert butyl alcohol	4.972	59	24785	114.300	ug/l	99
12) 1,1-Dichloroethene	3.881	96	38851	20.804	ug/l	95
13) Acrolein	3.741	56	11101	84.851	ug/l	98
14) Allyl chloride	4.484	41	69976	21.394	ug/l	99
15) Acrylonitrile	5.173	53	68173	111.708	ug/l	100
16) Acetone	3.954	43	71828	129.880	ug/l	97
17) Carbon Disulfide	4.204	76	116218	20.188	ug/l	97
18) Methyl Acetate	4.484	43	32274	22.314	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	121175	20.945	ug/l	98
20) Methylene Chloride	4.728	84	60149	24.326	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	41947	20.091	ug/l	97
22) Diisopropyl ether	6.124	45	147096	21.799	ug/l	96
23) Vinyl Acetate	6.069	43	492976	109.778	ug/l	98
24) 1,1-Dichloroethane	6.021	63	79209	21.181	ug/l	99
25) 2-Butanone	6.996	43	98441	120.418	ug/l	99
26) 2,2-Dichloropropane	6.990	77	75315	22.044	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	48535	20.439	ug/l	95
28) Bromochloromethane	7.344	49	37372	25.039	ug/l	96
29) Tetrahydrofuran	7.362	42	59903	110.787	ug/l	99
30) Chloroform	7.514	83	80336	21.048	ug/l	96
31) Cyclohexane	7.789	56	76965	20.456	ug/l	97
32) 1,1,1-Trichloroethane	7.709	97	75233	21.442	ug/l	99
36) 1,1-Dichloropropene	7.923	75	62559	21.023	ug/l	99
37) Ethyl Acetate	7.081	43	40842	22.655	ug/l	99
38) Carbon Tetrachloride	7.904	117	69197	21.395	ug/l	98
39) Methylcyclohexane	9.185	83	76254	20.141	ug/l	96
40) Benzene	8.167	78	177010	20.772	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	22647m	23.153	ug/l	
42) 1,2-Dichloroethane	8.246	62	60298	21.814	ug/l	98
43) Isopropyl Acetate	8.282	43	75720	22.185	ug/l	98
44) Trichloroethene	8.941	130	48718	20.947	ug/l	99
45) 1,2-Dichloropropane	9.221	63	45540	21.361	ug/l	99
46) Dibromomethane	9.313	93	24983	21.194	ug/l	97
47) Bromodichloromethane	9.502	83	61893	20.979	ug/l	97
48) Methyl methacrylate	9.294	41	33487	21.710	ug/l	97
49) 1,4-Dioxane	9.307	88	7432	453.649	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	206067	114.644	ug/l	98
52) Toluene	10.246	92	113241	20.841	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	70320	21.328	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	75690	21.153	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	35795	20.987	ug/l	96
56) Ethyl methacrylate	10.514	69	53584	20.981	ug/l	95
57) 1,3-Dichloropropane	10.794	76	64296	21.377	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	134030	109.833	ug/l	98
59) 2-Hexanone	10.837	43	151261	119.063	ug/l	99
60) Dibromochloromethane	10.989	129	44286	20.981	ug/l	100
61) 1,2-Dibromoethane	11.093	107	33957	21.018	ug/l	98
64) Tetrachloroethene	10.721	164	48643	21.813	ug/l	99
65) Chlorobenzene	11.520	112	121122	20.545	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	45949	20.708	ug/l	98
67) Ethyl Benzene	11.593	91	219776	20.558	ug/l	98
68) m/p-Xylenes	11.703	106	170811	41.138	ug/l	99
69) o-Xylene	12.032	106	81726	20.478	ug/l	100
70) Styrene	12.044	104	135254	20.134	ug/l	98
71) Bromoform	12.209	173	30178	20.972	ug/l #	98
73) Isopropylbenzene	12.330	105	216629	19.654	ug/l	100
74) N-amyl acetate	12.142	43	69721	21.014	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.580	83	42659	20.123	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	30373m	18.562	ug/l	
77) Bromobenzene	12.611	156	53569	19.782	ug/l	97
78) n-propylbenzene	12.672	91	264091	20.174	ug/l	99
79) 2-Chlorotoluene	12.757	91	148108	20.149	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	181648	19.859	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	16826	20.729	ug/l	98
82) 4-Chlorotoluene	12.855	91	153661	20.203	ug/l	99
83) tert-Butylbenzene	13.074	119	160020	19.496	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	182072	20.173	ug/l	100
85) sec-Butylbenzene	13.251	105	239403	20.222	ug/l	100
86) p-Isopropyltoluene	13.367	119	205423	20.211	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	105540	19.974	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	104871	20.007	ug/l	98
89) n-Butylbenzene	13.696	91	189205	20.547	ug/l	99
90) Hexachloroethane	13.958	117	37019	20.258	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	94002	20.141	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8530	21.226	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	66637	20.785	ug/l	100
94) Hexachlorobutadiene	15.110	225	42594	20.519	ug/l	99
95) Naphthalene	15.232	128	129817	20.541	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	58211	20.494	ug/l	100

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

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