

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063021\
 Data File : VY005296.D
 Acq On : 30 Jun 2021 14:26
 Operator : SY/MD
 Sample : VY0630SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Quant Time: Jul 01 06:37:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	268584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	382675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	356434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	190127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123324	55.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.660%
35) Dibromofluoromethane	7.722	113	114042	50.532	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.060%
50) Toluene-d8	10.185	98	464315	51.446	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.900%
62) 4-Bromofluorobenzene	12.483	95	158619	52.741	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.480%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	36887	20.886	ug/l	99
3) Chloromethane	2.119	50	53621	22.797	ug/l	98
4) Vinyl Chloride	2.253	62	60864	22.632	ug/l	98
5) Bromomethane	2.643	94	39897	23.390	ug/l	96
6) Chloroethane	2.796	64	37307	21.214	ug/l	98
7) Trichlorofluoromethane	3.125	101	75132	20.898	ug/l	100
8) Diethyl Ether	3.534	74	28685	21.328	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	46987	21.348	ug/l	98
10) Methyl Iodide	4.101	142	55391	17.691	ug/l	99
11) Tert butyl alcohol	4.960	59	49550	157.007	ug/l #	86
12) 1,1-Dichloroethene	3.875	96	45709	20.555	ug/l	96
13) Acrolein	3.741	56	14929	136.315	ug/l	94
14) Allyl chloride	4.491	41	72988	22.850	ug/l	96
15) Acrylonitrile	5.173	53	70881	113.453	ug/l	99
16) Acetone	3.960	43	58832	114.260	ug/l	97
17) Carbon Disulfide	4.198	76	147821	21.135	ug/l	100
18) Methyl Acetate	4.485	43	31925	23.330	ug/l	93
19) Methyl tert-butyl Ether	5.234	73	127505	20.972	ug/l	97
20) Methylene Chloride	4.722	84	69407	20.282	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	52335	21.136	ug/l	95
22) Diisopropyl ether	6.131	45	158239	23.830	ug/l	96
23) Vinyl Acetate	6.070	43	505130	117.552	ug/l	95
24) 1,1-Dichloroethane	6.027	63	91280	22.149	ug/l	99
25) 2-Butanone	6.996	43	86958	115.821	ug/l	91
26) 2,2-Dichloropropane	6.990	77	78950	21.969	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	57604	20.685	ug/l	94
28) Bromochloromethane	7.338	49	38745	23.498	ug/l	89
29) Tetrahydrofuran	7.356	42	57626	116.658	ug/l	94
30) Chloroform	7.515	83	91043	21.709	ug/l	98
31) Cyclohexane	7.789	56	86132	21.646	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	79589	21.278	ug/l	97
36) 1,1-Dichloropropene	7.923	75	71490	21.216	ug/l	98
37) Ethyl Acetate	7.082	43	39546	22.758	ug/l	98
38) Carbon Tetrachloride	7.905	117	73588	20.862	ug/l	97
39) Methylcyclohexane	9.185	83	87419	20.046	ug/l	95
40) Benzene	8.167	78	211075	21.243	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	20780m	21.562	ug/l	
42) 1,2-Dichloroethane	8.240	62	60898	22.564	ug/l	98
43) Isopropyl Acetate	8.283	43	73441	22.993	ug/l	96
44) Trichloroethene	8.941	130	57825	20.584	ug/l	94
45) 1,2-Dichloropropane	9.222	63	53403	22.461	ug/l	98
46) Dibromomethane	9.307	93	29227	21.137	ug/l	97
47) Bromodichloromethane	9.502	83	69295	21.373	ug/l	99
48) Methyl methacrylate	9.295	41	32212	22.988	ug/l	92
49) 1,4-Dioxane	9.307	88	8094	445.137	ug/l #	92
51) 4-Methyl-2-Pentanone	10.075	43	195314	116.831	ug/l	96
52) Toluene	10.246	92	132836	20.915	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	74670	21.040	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	85517	21.373	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	42604	21.099	ug/l	97
56) Ethyl methacrylate	10.514	69	57359	20.926	ug/l	91
57) 1,3-Dichloropropane	10.794	76	72423	21.414	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	142000	117.455	ug/l	96
59) 2-Hexanone	10.837	43	133930	116.479	ug/l	95
60) Dibromochloromethane	10.990	129	52378	21.175	ug/l	100
61) 1,2-Dibromoethane	11.093	107	40370	20.553	ug/l	99
64) Tetrachloroethene	10.721	164	53269	20.253	ug/l	96
65) Chlorobenzene	11.520	112	144266	20.421	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	53973	20.583	ug/l	99
67) Ethyl Benzene	11.593	91	250405	20.555	ug/l	98
68) m/p-Xylenes	11.703	106	199526	40.881	ug/l	98
69) o-Xylene	12.032	106	93402	20.210	ug/l	98
70) Styrene	12.044	104	159842	20.569	ug/l	99
71) Bromoform	12.209	173	36354	20.375	ug/l #	100
73) Isopropylbenzene	12.331	105	241472	19.582	ug/l	100
74) N-amyl acetate	12.148	43	64319	22.039	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	50284	20.694	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	34588m	20.512	ug/l	
77) Bromobenzene	12.611	156	64563	19.731	ug/l	94
78) n-propylbenzene	12.672	91	295403	20.315	ug/l	99
79) 2-Chlorotoluene	12.757	91	167172	20.380	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	204928	20.088	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	18197	20.135	ug/l	95
82) 4-Chlorotoluene	12.855	91	172882	20.372	ug/l	99
83) tert-Butylbenzene	13.075	119	175958	19.348	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	203929	20.220	ug/l	99
85) sec-Butylbenzene	13.257	105	267677	20.231	ug/l	99
86) p-Isopropyltoluene	13.373	119	225331	19.738	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	124934	19.998	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	123413	19.977	ug/l	99
89) n-Butylbenzene	13.696	91	202752	20.218	ug/l	99
90) Hexachloroethane	13.965	117	42602	20.658	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	112207	20.261	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8225	20.321	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	73841	18.917	ug/l	99
94) Hexachlorobutadiene	15.117	225	47501	19.445	ug/l	100
95) Naphthalene	15.239	128	132826	18.437	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	65670	19.103	ug/l	99

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

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