

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005359.D
 Acq On : 07 Jul 2021 10:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/8/2021 6:44:50 PM

Quant Time: Jul 08 02:02:17 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	273579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	389299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	356350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	130302	57.394	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.780%			
35) Dibromofluoromethane	7.728	113	125191	54.528	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.060%			
50) Toluene-d8	10.185	98	503305	54.817	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.640%			
62) 4-Bromofluorobenzene	12.483	95	170931	55.868	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	79432	44.155	ug/l	98
3) Chloromethane	2.119	50	118223	49.345	ug/l	97
4) Vinyl Chloride	2.253	62	147889	53.988	ug/l	99
5) Bromomethane	2.649	94	106520	61.308	ug/l	98
6) Chloroethane	2.796	64	103262	57.646	ug/l	98
7) Trichlorofluoromethane	3.131	101	194555	53.128	ug/l	100
8) Diethyl Ether	3.539	74	69076	50.422	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	123320	55.005	ug/l	98
10) Methyl Iodide	4.100	142	146971	46.083	ug/l	99
11) Tert butyl alcohol	4.972	59	66759	236.573	ug/l	99
12) 1,1-Dichloroethene	3.881	96	118154	52.163	ug/l	98
13) Acrolein	3.741	56	33454	299.887	ug/l	94
14) Allyl chloride	4.490	41	182169	55.989	ug/l	94
15) Acrylonitrile	5.173	53	164911	259.138	ug/l	100
16) Acetone	3.960	43	158472	302.155	ug/l	97
17) Carbon Disulfide	4.198	76	350200	49.156	ug/l	99
18) Methyl Acetate	4.490	43	71797	51.510	ug/l	95
19) Methyl tert-butyl Ether	5.234	73	324910	52.465	ug/l	99
20) Methylene Chloride	4.728	84	137794	49.689	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	135344	53.661	ug/l	95
22) Diisopropyl ether	6.130	45	407084	60.186	ug/l	97
23) Vinyl Acetate	6.069	43	1271645	290.529	ug/l	97
24) 1,1-Dichloroethane	6.027	63	237317	56.534	ug/l	98
25) 2-Butanone	7.002	43	208419	272.529	ug/l	95
26) 2,2-Dichloropropane	6.990	77	204996	56.000	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	144793	51.044	ug/l	94
28) Bromochloromethane	7.344	49	105999	63.112	ug/l	89
29) Tetrahydrofuran	7.356	42	130872	260.099	ug/l	94
30) Chloroform	7.514	83	228159	53.411	ug/l	98
31) Cyclohexane	7.789	56	206930	51.054	ug/l	93
32) 1,1,1-Trichloroethane	7.709	97	201167	52.800	ug/l	98
36) 1,1-Dichloropropene	7.923	75	179577	52.385	ug/l	98
37) Ethyl Acetate	7.088	43	88485	50.055	ug/l	98
38) Carbon Tetrachloride	7.904	117	183147	51.038	ug/l	99
39) Methylcyclohexane	9.191	83	223744	50.433	ug/l	97
40) Benzene	8.167	78	519281	51.372	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	46651m	47.583	ug/l	
42) 1,2-Dichloroethane	8.246	62	146719	53.438	ug/l	98
43) Isopropyl Acetate	8.282	43	168552	51.873	ug/l	97
44) Trichloroethene	8.947	130	145228	50.818	ug/l	98
45) 1,2-Dichloropropane	9.221	63	130262	53.855	ug/l	99
46) Dibromomethane	9.313	93	70339	50.005	ug/l	96
47) Bromodichloromethane	9.502	83	174820	53.003	ug/l	99
48) Methyl methacrylate	9.301	41	75763	53.149	ug/l	91
49) 1,4-Dioxane	9.307	88	20123	1087.852	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	450248	264.742	ug/l	96
52) Toluene	10.246	92	330376	51.134	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	187766	52.006	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	214103	52.599	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	103461	50.365	ug/l	99
56) Ethyl methacrylate	10.514	69	141153	50.619	ug/l #	89
57) 1,3-Dichloropropane	10.794	76	175625	51.045	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	311585	253.342	ug/l	97
59) 2-Hexanone	10.837	43	316475	270.555	ug/l	94
60) Dibromochloromethane	10.989	129	126542	50.288	ug/l	100
61) 1,2-Dibromoethane	11.093	107	98156	49.122	ug/l	99
64) Tetrachloroethene	10.721	164	130707	49.706	ug/l	98
65) Chlorobenzene	11.520	112	360317	51.014	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	135172	51.562	ug/l	99
67) Ethyl Benzene	11.599	91	636353	52.249	ug/l	99
68) m/p-Xylenes	11.709	106	509250	104.365	ug/l	99
69) o-Xylene	12.032	106	241394	52.244	ug/l	99
70) Styrene	12.050	104	409831	52.751	ug/l	99
71) Bromoform	12.215	173	86266	48.360	ug/l	99
73) Isopropylbenzene	12.337	105	637457	52.184	ug/l	99
74) N-amyl acetate	12.148	43	159597	55.206	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	119249	49.543	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	86982m	52.074	ug/l	
77) Bromobenzene	12.611	156	158285	48.832	ug/l	95
78) n-propylbenzene	12.678	91	770282	53.477	ug/l	99
79) 2-Chlorotoluene	12.763	91	425578	52.376	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	531260	52.572	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.385	75	44320	49.506	ug/l	94
82) 4-Chlorotoluene	12.861	91	443513	52.760	ug/l	98
83) tert-Butylbenzene	13.080	119	481326	53.427	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	527430	52.792	ug/l	100
85) sec-Butylbenzene	13.257	105	707284	53.963	ug/l	99
86) p-Isopropyltoluene	13.373	119	603628	53.378	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	317019	51.228	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	311633	50.923	ug/l	99
89) n-Butylbenzene	13.702	91	551353	55.501	ug/l	99
90) Hexachloroethane	13.964	117	109124	53.418	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	276879	50.469	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	18504	46.152	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	185773	48.046	ug/l	99
94) Hexachlorobutadiene	15.117	225	122820	50.754	ug/l	99
95) Naphthalene	15.239	128	325811	45.654	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	159454	46.825	ug/l	99

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

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