

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005267.D
 Acq On : 29 Jun 2021 10:28
 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
 6/30/2021 7:40:05 PM

Quant Time: Jun 30 03:58:37 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	283383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	392850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	361553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	192046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	115410	49.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.160%
35) Dibromofluoromethane	7.722	113	114246	49.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.620%
50) Toluene-d8	10.185	98	469370	50.659	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.320%
62) 4-Bromofluorobenzene	12.483	95	154488	50.037	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	88980	47.752	ug/l	99
3) Chloromethane	2.119	50	131248	52.886	ug/l	99
4) Vinyl Chloride	2.259	62	151775	53.490	ug/l	98
5) Bromomethane	2.656	94	95482	53.054	ug/l	97
6) Chloroethane	2.802	64	93662	50.478	ug/l	100
7) Trichlorofluoromethane	3.131	101	204175	53.826	ug/l	99
8) Diethyl Ether	3.534	74	65313	46.026	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	115032	49.533	ug/l	98
10) Methyl Iodide	4.100	142	147646	44.693	ug/l	98
11) Tert butyl alcohol	4.966	59	57066	179.577	ug/l	99
12) 1,1-Dichloroethene	3.881	96	113836	48.518	ug/l	98
13) Acrolein	3.735	56	30190	261.265	ug/l	92
14) Allyl chloride	4.485	41	168463	49.985	ug/l	98
15) Acrylonitrile	5.173	53	148629	225.473	ug/l	100
16) Acetone	3.954	43	136126	250.569	ug/l	99
17) Carbon Disulfide	4.198	76	353323	47.879	ug/l	99
18) Methyl Acetate	4.485	43	62698	43.426	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	297763	46.418	ug/l	100
20) Methylene Chloride	4.722	84	132535	45.374	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	128581	49.216	ug/l	98
22) Diisopropyl ether	6.125	45	352124	50.259	ug/l	99
23) Vinyl Acetate	6.070	43	1097115	241.983	ug/l	99
24) 1,1-Dichloroethane	6.027	63	214000	49.216	ug/l	98
25) 2-Butanone	6.996	43	183637	231.816	ug/l	97
26) 2,2-Dichloropropane	6.990	77	193867	51.128	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	143962	48.995	ug/l	99
28) Bromochloromethane	7.338	49	90036	51.753	ug/l	100
29) Tetrahydrofuran	7.356	42	116231	223.009	ug/l	98
30) Chloroform	7.514	83	218636	49.411	ug/l	98
31) Cyclohexane	7.789	56	199523	47.524	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	198898	50.398	ug/l	100
36) 1,1-Dichloropropene	7.923	75	173189	50.065	ug/l	99
37) Ethyl Acetate	7.082	43	79936	44.810	ug/l	99
38) Carbon Tetrachloride	7.905	117	185236	51.153	ug/l	98
39) Methylcyclohexane	9.185	83	225488	50.366	ug/l	97
40) Benzene	8.167	78	507660	49.768	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	46454m	46.954	ug/l	
42) 1,2-Dichloroethane	8.240	62	136270	49.184	ug/l	99
43) Isopropyl Acetate	8.277	43	150582	45.924	ug/l	99
44) Trichloroethene	8.941	130	147338	51.090	ug/l	99
45) 1,2-Dichloropropane	9.222	63	121494	49.776	ug/l	99
46) Dibromomethane	9.307	93	68338	48.143	ug/l	100
47) Bromodichloromethane	9.502	83	166801	50.115	ug/l	98
48) Methyl methacrylate	9.295	41	67971	47.252	ug/l	96
49) 1,4-Dioxane	9.301	88	17191	920.947	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	395482	230.438	ug/l	99
52) Toluene	10.246	92	328397	50.368	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	178676	49.041	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	206137	50.185	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	100223	48.348	ug/l	98
56) Ethyl methacrylate	10.514	69	132981	47.258	ug/l	97
57) 1,3-Dichloropropane	10.794	76	168915	48.651	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	288717	232.627	ug/l	100
59) 2-Hexanone	10.837	43	273892	232.034	ug/l	98
60) Dibromochloromethane	10.989	129	125621	49.471	ug/l	100
61) 1,2-Dibromoethane	11.093	107	95243	47.233	ug/l	99
64) Tetrachloroethene	10.721	164	135436	50.763	ug/l	98
65) Chlorobenzene	11.520	112	359637	50.185	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	136032	51.143	ug/l	99
67) Ethyl Benzene	11.593	91	628490	50.861	ug/l	100
68) m/p-Xylenes	11.703	106	508531	102.718	ug/l	99
69) o-Xylene	12.032	106	239712	51.133	ug/l	100
70) Styrene	12.044	104	408745	51.854	ug/l	100
71) Bromoform	12.209	173	87918	48.577	ug/l	99
73) Isopropylbenzene	12.331	105	629399	50.530	ug/l	100
74) N-amyl acetate	12.148	43	134965	45.784	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	111405	45.390	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	74837m	43.938	ug/l	
77) Bromobenzene	12.611	156	163077	49.339	ug/l	98
78) n-propylbenzene	12.672	91	746461	50.822	ug/l	100
79) 2-Chlorotoluene	12.757	91	413333	49.886	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	523870	50.840	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	41469	45.426	ug/l	98
82) 4-Chlorotoluene	12.855	91	428524	49.992	ug/l	100
83) tert-Butylbenzene	13.081	119	464443	50.558	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	517205	50.769	ug/l	99
85) sec-Butylbenzene	13.257	105	684338	51.204	ug/l	99
86) p-Isopropyltoluene	13.373	119	595125	51.609	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	317337	50.289	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	311228	49.875	ug/l	99
89) n-Butylbenzene	13.696	91	520518	51.385	ug/l	100
90) Hexachloroethane	13.965	117	107986	51.840	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	277899	49.677	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18046	44.140	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	192177	48.742	ug/l	99
94) Hexachlorobutadiene	15.117	225	126107	51.106	ug/l	99
95) Naphthalene	15.239	128	329214	45.240	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	167107	48.125	ug/l	99

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

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