

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005308.D
 Acq On : 01 Jul 2021 10:25
 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
 7/5/2021 1:57:29 PM

Quant Time: Jul 02 05:12:59 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	287877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	403999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	372644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	195095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122886	51.439	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.880%			
35) Dibromofluoromethane	7.728	113	116152	48.750	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.500%			
50) Toluene-d8	10.185	98	477190	50.082	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.160%			
62) 4-Bromofluorobenzene	12.483	95	161063	50.727	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	81039	42.811	ug/l	96
3) Chloromethane	2.119	50	118223	46.894	ug/l	99
4) Vinyl Chloride	2.259	62	138726	48.128	ug/l	98
5) Bromomethane	2.656	94	89365	48.880	ug/l	98
6) Chloroethane	2.796	64	91243	48.407	ug/l	97
7) Trichlorofluoromethane	3.131	101	192532	49.964	ug/l	100
8) Diethyl Ether	3.540	74	64445	44.705	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.906	101	111253	47.158	ug/l	98
10) Methyl Iodide	4.101	142	137495	40.971	ug/l	98
11) Tert butyl alcohol	4.960	59	70597	238.193	ug/l	99
12) 1,1-Dichloroethene	3.881	96	108223	45.405	ug/l	94
13) Acrolein	3.741	56	29135	248.199	ug/l	91
14) Allyl chloride	4.491	41	176373	51.515	ug/l	95
15) Acrylonitrile	5.174	53	160588	239.812	ug/l	99
16) Acetone	3.960	43	157089	284.642	ug/l	97
17) Carbon Disulfide	4.204	76	338982	45.218	ug/l	99
18) Methyl Acetate	4.491	43	69938	47.684	ug/l	93
19) Methyl tert-butyl Ether	5.228	73	302168	46.369	ug/l	99
20) Methylene Chloride	4.729	84	139369	47.345	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	125371	47.239	ug/l	96
22) Diisopropyl ether	6.131	45	381807	53.645	ug/l	96
23) Vinyl Acetate	6.070	43	1217235	264.285	ug/l	96
24) 1,1-Dichloroethane	6.027	63	220657	49.954	ug/l	99
25) 2-Butanone	6.996	43	212080	263.542	ug/l	92
26) 2,2-Dichloropropane	6.990	77	197165	51.186	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	140434	47.048	ug/l	93
28) Bromochloromethane	7.344	49	100712	56.986	ug/l	89
29) Tetrahydrofuran	7.356	42	131637	248.626	ug/l	93
30) Chloroform	7.515	83	221067	49.180	ug/l	98
31) Cyclohexane	7.789	56	206333	48.378	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	195754	48.827	ug/l	98
36) 1,1-Dichloropropene	7.923	75	175479	49.327	ug/l	98
37) Ethyl Acetate	7.082	43	91623	49.944	ug/l	97
38) Carbon Tetrachloride	7.905	117	178660	47.976	ug/l	97
39) Methylcyclohexane	9.185	83	219985	47.781	ug/l	95
40) Benzene	8.167	78	507811	48.409	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	52123m	51.230	ug/l	
42) 1,2-Dichloroethane	8.240	62	142853	50.137	ug/l	97
43) Isopropyl Acetate	8.277	43	170971	50.703	ug/l	97
44) Trichloroethene	8.941	130	141895	47.845	ug/l	97
45) 1,2-Dichloropropane	9.222	63	128078	51.025	ug/l	99
46) Dibromomethane	9.313	93	69479	47.596	ug/l	97
47) Bromodichloromethane	9.502	83	169144	49.417	ug/l	99
48) Methyl methacrylate	9.295	41	76406	51.650	ug/l	93
49) 1,4-Dioxane	9.307	88	18250	950.698	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	452241	256.238	ug/l	96
52) Toluene	10.246	92	324924	48.460	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	184110	49.138	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	208441	49.345	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	101460	47.594	ug/l	99
56) Ethyl methacrylate	10.514	69	139341	48.151	ug/l #	90
57) 1,3-Dichloropropane	10.795	76	174497	48.872	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	305325	239.219	ug/l	96
59) 2-Hexanone	10.837	43	317651	261.680	ug/l	95
60) Dibromochloromethane	10.990	129	125428	48.032	ug/l	99
61) 1,2-Dibromoethane	11.093	107	97458	46.998	ug/l	97
64) Tetrachloroethene	10.721	164	129423	47.065	ug/l	98
65) Chlorobenzene	11.520	112	354108	47.943	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	132097	48.186	ug/l	100
67) Ethyl Benzene	11.593	91	623397	48.947	ug/l	99
68) m/p-Xylenes	11.703	106	498095	97.615	ug/l	99
69) o-Xylene	12.032	106	234730	48.580	ug/l	98
70) Styrene	12.044	104	399959	49.230	ug/l	99
71) Bromoform	12.209	173	87431	46.870	ug/l	100
73) Isopropylbenzene	12.331	105	617196	48.776	ug/l	99
74) N-amyl acetate	12.148	43	154544	51.606	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	117152	46.985	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	85101m	49.183	ug/l	
77) Bromobenzene	12.611	156	156887	46.724	ug/l	96
78) n-propylbenzene	12.672	91	740273	49.613	ug/l	99
79) 2-Chlorotoluene	12.758	91	414915	49.294	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	514387	49.139	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	44881	48.396	ug/l	97
82) 4-Chlorotoluene	12.855	91	430325	49.418	ug/l	99
83) tert-Butylbenzene	13.081	119	470047	50.368	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	508404	49.125	ug/l	99
85) sec-Butylbenzene	13.258	105	681325	50.182	ug/l	100
86) p-Isopropyltoluene	13.373	119	576608	49.222	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	307381	47.950	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	303086	47.811	ug/l	99
89) n-Butylbenzene	13.696	91	521807	50.707	ug/l	99
90) Hexachloroethane	13.965	117	106838	50.487	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	266952	46.974	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	18763	45.177	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	181847	45.401	ug/l	100
94) Hexachlorobutadiene	15.117	225	118192	47.150	ug/l	99
95) Naphthalene	15.239	128	319536	43.224	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	157652	44.692	ug/l	100

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

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