

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060221\
 Data File : VY004923.D
 Acq On : 02 Jun 2021 13:56
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY060221

Manual Integrations
 APPROVED

MMDadoda
 6/3/2021 5:40:35 PM

Quant Time: Jun 03 04:46:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	282963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	467660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	415067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	150524	50.319	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.640%	
35) Dibromofluoromethane	7.728	113	127938	50.848	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.700%	
50) Toluene-d8	10.185	98	529143	50.638	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.280%	
62) 4-Bromofluorobenzene	12.483	95	183348	51.018	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.040%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	129996	50.591	ug/l	98
3) Chloromethane	2.119	50	179998	51.303	ug/l	99
4) Vinyl Chloride	2.259	62	175492	51.991	ug/l	100
5) Bromomethane	2.656	94	102483	53.570	ug/l	95
6) Chloroethane	2.802	64	106223	52.613	ug/l	99
7) Trichlorofluoromethane	3.131	101	254199	53.245	ug/l	96
8) Diethyl Ether	3.540	74	98680	53.235	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	156138	53.620	ug/l	99
10) Methyl Iodide	4.101	142	156277	56.220	ug/l	100
11) Tert butyl alcohol	4.972	59	86844	252.439	ug/l	99
12) 1,1-Dichloroethene	3.881	96	153510	52.789	ug/l	98
13) Acrolein	3.741	56	85338	277.217	ug/l	98
14) Allyl chloride	4.491	41	283167	53.407	ug/l	100
15) Acrylonitrile	5.180	53	238983	274.168	ug/l	99
16) Acetone	3.960	43	190279	264.236	ug/l	100
17) Carbon Disulfide	4.204	76	473631	52.964	ug/l	99
18) Methyl Acetate	4.491	43	120449	52.195	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	404651	54.056	ug/l	100
20) Methylene Chloride	4.728	84	190824	55.742	ug/l	96
21) trans-1,2-Dichloroethene	5.234	96	172102	52.723	ug/l	95
22) Diisopropyl ether	6.131	45	523309	53.765	ug/l	99
23) Vinyl Acetate	6.076	43	1933604	273.047	ug/l	100
24) 1,1-Dichloroethane	6.033	63	311816	53.229	ug/l	99
25) 2-Butanone	7.002	43	329107	271.790	ug/l	97
26) 2,2-Dichloropropane	6.990	77	246747	49.835	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	179480	50.174	ug/l	98
28) Bromochloromethane	7.344	49	134007	51.207	ug/l	98
29) Tetrahydrofuran	7.362	42	210786	273.710	ug/l	98
30) Chloroform	7.515	83	293820	52.894	ug/l	97
31) Cyclohexane	7.789	56	271135	51.480	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	255323	52.398	ug/l	100
36) 1,1-Dichloropropene	7.923	75	242857	53.062	ug/l	99
37) Ethyl Acetate	7.088	43	151700	50.388	ug/l	99
38) Carbon Tetrachloride	7.911	117	216305	54.304	ug/l	98
39) Methylcyclohexane	9.185	83	280918	55.566	ug/l	100
40) Benzene	8.167	78	683242	52.173	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	76239	46.064	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	200231	52.962	ug/l	99
43) Isopropyl Acetate	8.283	43	289786	53.615	ug/l	99
44) Trichloroethene	8.947	130	179515	52.376	ug/l	100
45) 1,2-Dichloropropane	9.222	63	182375	53.211	ug/l	97
46) Dibromomethane	9.313	93	97047	53.017	ug/l	99
47) Bromodichloromethane	9.502	83	230685	53.679	ug/l	99
48) Methyl methacrylate	9.295	41	131804	53.596	ug/l	99
49) 1,4-Dioxane	9.307	88	24881	1125.861	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	757605	267.378	ug/l	100
52) Toluene	10.246	92	414503	52.309	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	248449	52.233	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	281353	52.063	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	131553	51.706	ug/l	99
56) Ethyl methacrylate	10.514	69	196187	53.861	ug/l	97
57) 1,3-Dichloropropane	10.794	76	236682	52.279	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	473678	257.333	ug/l	100
59) 2-Hexanone	10.837	43	523519	273.352	ug/l	99
60) Dibromochloromethane	10.990	129	152863	52.823	ug/l	100
61) 1,2-Dibromoethane	11.093	107	127144	52.105	ug/l	99
64) Tetrachloroethene	10.721	164	183853	52.972	ug/l	98
65) Chlorobenzene	11.520	112	432489	52.590	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	155497	53.039	ug/l	99
67) Ethyl Benzene	11.593	91	809487	53.263	ug/l	99
68) m/p-Xylenes	11.703	106	612018	107.479	ug/l	100
69) o-Xylene	12.032	106	288183	54.347	ug/l	99
70) Styrene	12.044	104	486680	55.087	ug/l	99
71) Bromoform	12.209	173	92809	53.690	ug/l #	98
73) Isopropylbenzene	12.331	105	784838	55.155	ug/l	100
74) N-amyl acetate	12.148	43	251772	54.840	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	150973	52.853	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	104995m	50.847	ug/l	
77) Bromobenzene	12.611	156	171555	53.958	ug/l	98
78) n-propylbenzene	12.672	91	950030	55.389	ug/l	100
79) 2-Chlorotoluene	12.758	91	521201	54.509	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	639570	54.482	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	60220	53.596	ug/l	98
82) 4-Chlorotoluene	12.855	91	529730	54.216	ug/l	100
83) tert-Butylbenzene	13.075	119	544571	54.841	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	643868	55.190	ug/l	100
85) sec-Butylbenzene	13.251	105	794206	54.937	ug/l	100
86) p-Isopropyltoluene	13.367	119	694252	55.983	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	328477	54.273	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	323119	53.529	ug/l	99
89) n-Butylbenzene	13.696	91	667526	55.965	ug/l	99
90) Hexachloroethane	13.959	117	99821	54.233	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	293302	54.848	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	25522	53.963	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	183852	54.745	ug/l	99
94) Hexachlorobutadiene	15.111	225	99126	55.945	ug/l	99
95) Naphthalene	15.239	128	417991	56.616	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	166809	56.422	ug/l	98

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

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