

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004952.D
 Acq On : 03 Jun 2021 21:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/4/2021 4:33:16 PM

Quant Time: Jun 04 01:20:53 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	7.795	168	235878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	411362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	376426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	136273	54.648	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.300%
35) Dibromofluoromethane	7.728	113	112944	51.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.060%
50) Toluene-d8	10.185	98	476279	51.817	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.640%
62) 4-Bromofluorobenzene	12.483	95	160668	50.826	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	99991	46.682	ug/l	97
3) Chloromethane	2.119	50	149022	50.953	ug/l	100
4) Vinyl Chloride	2.253	62	144770	51.451	ug/l	97
5) Bromomethane	2.656	94	83906	52.615	ug/l	93
6) Chloroethane	2.802	64	88874	52.807	ug/l	99
7) Trichlorofluoromethane	3.131	101	192341	48.330	ug/l	96
8) Diethyl Ether	3.534	74	76292	49.373	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	115794	47.703	ug/l	99
10) Methyl Iodide	4.101	142	118541	51.157	ug/l	98
11) Tert butyl alcohol	4.978	59	60948	212.529	ug/l	98
12) 1,1-Dichloroethene	3.881	96	115714	47.734	ug/l	96
13) Acrolein	3.735	56	76194	299.300	ug/l	99
14) Allyl chloride	4.491	41	229064	51.827	ug/l	97
15) Acrylonitrile	5.174	53	183682	252.789	ug/l	98
16) Acetone	3.960	43	151400	252.214	ug/l	99
17) Carbon Disulfide	4.204	76	351586	47.164	ug/l	99
18) Methyl Acetate	4.485	43	96069	49.941	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	329482	52.801	ug/l	98
20) Methylene Chloride	4.728	84	152774	53.270	ug/l	99
21) trans-1,2-Dichloroethene	5.234	96	134851	49.558	ug/l	94
22) Diisopropyl ether	6.131	45	454205	55.980	ug/l	97
23) Vinyl Acetate	6.070	43	1620535	274.518	ug/l	98
24) 1,1-Dichloroethane	6.033	63	256450	52.516	ug/l	99
25) 2-Butanone	6.996	43	264823	262.358	ug/l	95
26) 2,2-Dichloropropane	6.990	77	194615	47.153	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	156266	52.405	ug/l	100
28) Bromochloromethane	7.344	49	117858	54.026	ug/l	95
29) Tetrahydrofuran	7.362	42	166407	259.216	ug/l	97
30) Chloroform	7.515	83	250759	54.153	ug/l	98
31) Cyclohexane	7.795	56	208928	47.587	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	212551	52.328	ug/l	99
36) 1,1-Dichloropropene	7.923	75	193747	48.125	ug/l	98
37) Ethyl Acetate	7.088	43	126389	47.726	ug/l	98
38) Carbon Tetrachloride	7.911	117	170941	48.789	ug/l	98
39) Methylcyclohexane	9.185	83	212933	47.882	ug/l	99
40) Benzene	8.167	78	575622	49.971	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	76570	52.595	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	172416	51.846	ug/l	100
43) Isopropyl Acetate	8.283	43	239104	50.292	ug/l	100
44) Trichloroethene	8.947	130	149330	49.532	ug/l	98
45) 1,2-Dichloropropane	9.222	63	154350	51.197	ug/l	98
46) Dibromomethane	9.307	93	81447	50.584	ug/l	100
47) Bromodichloromethane	9.502	83	196596	52.007	ug/l	100
48) Methyl methacrylate	9.295	41	109797	50.757	ug/l	99
49) 1,4-Dioxane	9.301	88	17339	891.963	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	624552	250.587	ug/l	99
52) Toluene	10.246	92	357152	51.240	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	208307	49.788	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	240734	50.643	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	113517	50.724	ug/l	97
56) Ethyl methacrylate	10.514	69	165814	51.753	ug/l	97
57) 1,3-Dichloropropane	10.794	76	202647	50.887	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	407629	251.758	ug/l	100
59) 2-Hexanone	10.837	43	424270	251.847	ug/l	98
60) Dibromochloromethane	10.990	129	130958	51.447	ug/l	100
61) 1,2-Dibromoethane	11.093	107	107995	50.314	ug/l	100
64) Tetrachloroethene	10.721	164	153566	48.787	ug/l	98
65) Chlorobenzene	11.520	112	367766	49.310	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	134290	50.507	ug/l	99
67) Ethyl Benzene	11.593	91	679600	49.307	ug/l	100
68) m/p-Xylenes	11.703	106	510480	98.850	ug/l	99
69) o-Xylene	12.032	106	241807	50.282	ug/l	100
70) Styrene	12.044	104	411583	51.369	ug/l	100
71) Bromoform	12.209	173	77760	49.602	ug/l #	99
73) Isopropylbenzene	12.331	105	640304	49.859	ug/l	99
74) N-amyl acetate	12.148	43	212935	51.391	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	125812	48.803	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	87193m	46.787	ug/l	
77) Bromobenzene	12.611	156	145594	50.739	ug/l	99
78) n-propylbenzene	12.672	91	771711	49.853	ug/l	100
79) 2-Chlorotoluene	12.758	91	430930	49.937	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	533245	50.332	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	46060	45.422	ug/l	97
82) 4-Chlorotoluene	12.855	91	442653	50.198	ug/l	100
83) tert-Butylbenzene	13.075	119	447242	49.905	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	531132	50.445	ug/l	100
85) sec-Butylbenzene	13.251	105	658319	50.457	ug/l	100
86) p-Isopropyltoluene	13.367	119	564524	50.440	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	272101	49.815	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	267959	49.186	ug/l	100
89) n-Butylbenzene	13.696	91	530135	49.247	ug/l	99
90) Hexachloroethane	13.965	117	83353	50.177	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	242507	50.248	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19958	46.757	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	146019	48.177	ug/l	100
94) Hexachlorobutadiene	15.111	225	78341	48.991	ug/l	98
95) Naphthalene	15.239	128	329839	49.502	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	128447	48.139	ug/l	99

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

