

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005111.D
 Acq On : 11 Jun 2021 06:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 6:06:45 PM

Quant Time: Jun 11 07:09:46 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	177312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	310333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	281598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	103337	55.128	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.260%			
35) Dibromofluoromethane	7.728	113	86871	52.030	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.060%			
50) Toluene-d8	10.185	98	353051	50.914	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.820%			
62) 4-Bromofluorobenzene	12.483	95	116663	48.920	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	80183	49.799	ug/l	98
3) Chloromethane	2.119	50	108750	49.465	ug/l	100
4) Vinyl Chloride	2.259	62	104006	49.172	ug/l	99
5) Bromomethane	2.656	94	57238	47.747	ug/l	95
6) Chloroethane	2.802	64	61431	48.557	ug/l	98
7) Trichlorofluoromethane	3.131	101	163071	54.509	ug/l	99
8) Diethyl Ether	3.540	74	63476	54.647	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.911	101	91587	50.193	ug/l	97
10) Methyl Iodide	4.100	142	103936	59.669	ug/l	96
11) Tert butyl alcohol	4.972	59	53889	249.982	ug/l	97
12) 1,1-Dichloroethene	3.881	96	94485	51.851	ug/l	95
13) Acrolein	3.741	56	40769	203.393	ug/l	100
14) Allyl chloride	4.491	41	152034	45.760	ug/l	95
15) Acrylonitrile	5.180	53	145874	267.066	ug/l	98
16) Acetone	3.960	43	119017	263.755	ug/l	92
17) Carbon Disulfide	4.204	76	274000	48.897	ug/l	98
18) Methyl Acetate	4.497	43	75662	52.324	ug/l	93
19) Methyl tert-butyl Ether	5.234	73	259388	55.298	ug/l	95
20) Methylene Chloride	4.728	84	123990	58.049	ug/l	93
21) trans-1,2-Dichloroethene	5.234	96	107020	52.321	ug/l	95
22) Diisopropyl ether	6.131	45	299417	49.092	ug/l	97
23) Vinyl Acetate	6.070	43	1068497	240.788	ug/l	98
24) 1,1-Dichloroethane	6.033	63	188727	51.413	ug/l	100
25) 2-Butanone	6.996	43	193347	254.815	ug/l	97
26) 2,2-Dichloropropane	6.996	77	137284	44.248	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	121620	54.258	ug/l	94
28) Bromochloromethane	7.344	49	77760	47.419	ug/l	88
29) Tetrahydrofuran	7.356	42	118590	245.747	ug/l	92
30) Chloroform	7.514	83	195076	56.043	ug/l	97
31) Cyclohexane	7.795	56	139965	42.410	ug/l	90
32) 1,1,1-Trichloroethane	7.710	97	170434	55.818	ug/l	98
36) 1,1-Dichloropropene	7.929	75	140548	46.276	ug/l	98
37) Ethyl Acetate	7.088	43	91228	45.664	ug/l	98
38) Carbon Tetrachloride	7.905	117	143986	54.474	ug/l	98
39) Methylcyclohexane	9.185	83	152925	45.584	ug/l	96
40) Benzene	8.167	78	430551	49.545	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	52969	48.229	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	129903	51.779	ug/l	99
43) Isopropyl Acetate	8.283	43	160246	44.678	ug/l #	94
44) Trichloroethene	8.947	130	118786	52.228	ug/l	98
45) 1,2-Dichloropropane	9.222	63	106108	46.654	ug/l	96
46) Dibromomethane	9.313	93	62966	51.838	ug/l	97
47) Bromodichloromethane	9.502	83	150386	52.734	ug/l	98
48) Methyl methacrylate	9.301	41	72514	44.435	ug/l	90
49) 1,4-Dioxane	9.307	88	14203	968.499	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	421026	223.921	ug/l	95
52) Toluene	10.246	92	267391	50.851	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	152327	48.260	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	172010	47.966	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	87970	52.105	ug/l	96
56) Ethyl methacrylate	10.514	69	123229	50.983	ug/l	93
57) 1,3-Dichloropropane	10.794	76	150799	50.195	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	278803	228.251	ug/l	93
59) 2-Hexanone	10.837	43	294557	231.772	ug/l	97
60) Dibromochloromethane	10.989	129	107593	56.028	ug/l	99
61) 1,2-Dibromoethane	11.093	107	84762	52.346	ug/l	99
64) Tetrachloroethene	10.721	164	123337	52.379	ug/l	97
65) Chlorobenzene	11.520	112	287014	51.442	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	106154	53.370	ug/l	98
67) Ethyl Benzene	11.593	91	508756	49.341	ug/l	99
68) m/p-Xylenes	11.703	106	383287	99.214	ug/l	99
69) o-Xylene	12.032	106	184142	51.185	ug/l	99
70) Styrene	12.044	104	311773	52.015	ug/l	99
71) Bromoform	12.209	173	64767	55.226	ug/l	100
73) Isopropylbenzene	12.331	105	490557	49.493	ug/l	99
74) N-amyl acetate	12.148	43	135227	42.286	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.587	83	95756	48.126	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	71267m	49.549	ug/l	
77) Bromobenzene	12.611	156	117088	52.870	ug/l	93
78) n-propylbenzene	12.672	91	569631	47.679	ug/l	98
79) 2-Chlorotoluene	12.757	91	321940	48.338	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	410057	50.148	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	32988	42.149	ug/l	97
82) 4-Chlorotoluene	12.855	91	328090	48.207	ug/l	98
83) tert-Butylbenzene	13.074	119	360739	52.154	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	410129	50.470	ug/l	100
85) sec-Butylbenzene	13.257	105	493184	48.977	ug/l	98
86) p-Isopropyltoluene	13.373	119	426512	49.376	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	213322	50.601	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	208597	49.611	ug/l	98
89) n-Butylbenzene	13.696	91	376598	45.329	ug/l	99
90) Hexachloroethane	13.965	117	67947	52.997	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	195062	52.368	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17825	54.107	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	115053	49.184	ug/l	100
94) Hexachlorobutadiene	15.111	225	63465	51.423	ug/l	100
95) Naphthalene	15.239	128	281988	54.834	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	106660	51.794	ug/l	98

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

