

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004954.D
 Acq On : 04 Jun 2021 10:46
 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
 6/7/2021 6:50:30 PM

Quant Time: Jun 05 01:30:25 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	248644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	404042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	362773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	131084	49.868	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.740%			
35) Dibromofluoromethane	7.728	113	108979	50.133	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.260%			
50) Toluene-d8	10.185	98	464947	51.500	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.000%			
62) 4-Bromofluorobenzene	12.483	95	157876	50.847	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	113514	50.275	ug/l	99
3) Chloromethane	2.119	50	164194	53.258	ug/l	100
4) Vinyl Chloride	2.259	62	163719	55.198	ug/l	99
5) Bromomethane	2.656	94	90029	53.556	ug/l	92
6) Chloroethane	2.802	64	97777	55.114	ug/l	95
7) Trichlorofluoromethane	3.131	101	221438	52.784	ug/l	100
8) Diethyl Ether	3.540	74	79029	48.518	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	132072	51.616	ug/l	99
10) Methyl Iodide	4.100	142	128098	52.443	ug/l	98
11) Tert butyl alcohol	4.972	59	59655	197.340	ug/l	98
12) 1,1-Dichloroethene	3.881	96	127525	49.906	ug/l	96
13) Acrolein	3.741	56	76064	281.676	ug/l	98
14) Allyl chloride	4.491	41	247473	53.117	ug/l	97
15) Acrylonitrile	5.173	53	191080	249.469	ug/l	99
16) Acetone	3.960	43	133058	210.278	ug/l	99
17) Carbon Disulfide	4.204	76	393739	50.107	ug/l	98
18) Methyl Acetate	4.491	43	98619	48.634	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	341284	51.884	ug/l	97
20) Methylene Chloride	4.728	84	156518	51.584	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	147340	51.368	ug/l	94
22) Diisopropyl ether	6.131	45	471512	55.130	ug/l	96
23) Vinyl Acetate	6.070	43	1699190	273.064	ug/l	98
24) 1,1-Dichloroethane	6.027	63	271295	52.703	ug/l	99
25) 2-Butanone	6.996	43	257299	241.817	ug/l	96
26) 2,2-Dichloropropane	6.990	77	232309	53.395	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	161814	51.479	ug/l	96
28) Bromochloromethane	7.344	49	118703	51.620	ug/l	95
29) Tetrahydrofuran	7.356	42	173097	255.793	ug/l	97
30) Chloroform	7.514	83	260854	53.441	ug/l	99
31) Cyclohexane	7.789	56	238157	51.460	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	229055	53.496	ug/l	100
36) 1,1-Dichloropropene	7.923	75	213749	54.056	ug/l	98
37) Ethyl Acetate	7.082	43	132757	51.039	ug/l	99
38) Carbon Tetrachloride	7.905	117	193116	56.117	ug/l	99
39) Methylcyclohexane	9.185	83	240296	55.015	ug/l	99
40) Benzene	8.167	78	611938	54.086	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	80430	56.247	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	175808	53.824	ug/l	99
43) Isopropyl Acetate	8.283	43	248965	53.315	ug/l	100
44) Trichloroethene	8.941	130	161959	54.694	ug/l	98
45) 1,2-Dichloropropane	9.222	63	160151	54.084	ug/l	98
46) Dibromomethane	9.313	93	83687	52.917	ug/l	100
47) Bromodichloromethane	9.502	83	204669	55.124	ug/l	100
48) Methyl methacrylate	9.301	41	113732	53.529	ug/l	98
49) 1,4-Dioxane	9.307	88	17202	900.948	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	653326	266.880	ug/l	99
52) Toluene	10.246	92	377094	55.081	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	223550	54.399	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	257242	55.097	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	117553	53.479	ug/l	100
56) Ethyl methacrylate	10.514	69	172905	54.944	ug/l	99
57) 1,3-Dichloropropane	10.794	76	211250	54.008	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	403673	253.832	ug/l	100
59) 2-Hexanone	10.837	43	438780	265.179	ug/l	99
60) Dibromochloromethane	10.989	129	137131	54.848	ug/l	99
61) 1,2-Dibromoethane	11.093	107	112644	53.431	ug/l	100
64) Tetrachloroethene	10.721	164	165551	54.574	ug/l	97
65) Chlorobenzene	11.520	112	389729	54.222	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	139752	54.540	ug/l	99
67) Ethyl Benzene	11.593	91	731479	55.068	ug/l	99
68) m/p-Xylenes	11.703	106	548071	110.123	ug/l	99
69) o-Xylene	12.032	106	257337	55.525	ug/l	99
70) Styrene	12.050	104	436271	56.499	ug/l	99
71) Bromoform	12.209	173	81280	53.799	ug/l #	99
73) Isopropylbenzene	12.331	105	693515	54.722	ug/l	99
74) N-amyl acetate	12.148	43	223037	54.547	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	129411	50.868	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	97948m	53.259	ug/l	
77) Bromobenzene	12.611	156	151244	53.411	ug/l	97
78) n-propylbenzene	12.672	91	849343	55.600	ug/l	100
79) 2-Chlorotoluene	12.757	91	461576	54.201	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	577876	55.272	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	51302	51.266	ug/l	96
82) 4-Chlorotoluene	12.855	91	473152	54.372	ug/l	100
83) tert-Butylbenzene	13.081	119	492520	55.690	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	573057	55.152	ug/l	100
85) sec-Butylbenzene	13.257	105	723723	56.209	ug/l	99
86) p-Isopropyltoluene	13.373	119	624718	56.562	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	294353	54.607	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	288100	53.588	ug/l	99
89) n-Butylbenzene	13.696	91	602561	56.722	ug/l	100
90) Hexachloroethane	13.965	117	90190	55.017	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	257899	54.150	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	21412	50.832	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	164665	55.053	ug/l	100
94) Hexachlorobutadiene	15.117	225	90306	57.226	ug/l	98
95) Naphthalene	15.239	128	353185	53.713	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	143359	54.445	ug/l	98

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

