

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022421\
 Data File : VY004050.D
 Acq On : 24 Feb 2021 13:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/25/2021 12:17:55 PM

Quant Time: Feb 25 01:13:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 23 03:42:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	69271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	104890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	96271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	42955	55.57	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.14%			
35) Dibromofluoromethane	7.716	113	34923	55.23	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.46%			
50) Toluene-d8	10.179	98	140724	55.50	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.00%			
62) 4-Bromofluorobenzene	12.477	95	49059	54.77	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	30016	45.66	ug/l	98
3) Chloromethane	2.113	50	47052	47.92	ug/l	99
4) Vinyl Chloride	2.253	62	47595	49.97	ug/l	99
5) Bromomethane	2.650	94	32100	50.27	ug/l	98
6) Chloroethane	2.796	64	29992	52.14	ug/l	96
7) Trichlorofluoromethane	3.131	101	60542	50.83	ug/l	99
8) Diethyl Ether	3.534	74	17502	45.92	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	28873	45.33	ug/l	97
10) Methyl Iodide	4.094	142	39886	49.86	ug/l	99
11) Tert butyl alcohol	4.954	59	18094	236.48	ug/l	96
12) 1,1-Dichloroethene	3.875	96	29575	46.25	ug/l	98
13) Acrolein	3.735	56	16760	218.00	ug/l	98
14) Allyl chloride	4.485	41	59009	48.68	ug/l	98
15) Acrylonitrile	5.167	53	53010	263.86	ug/l	99
16) Acetone	3.948	43	42260	216.32	ug/l	99
17) Carbon Disulfide	4.198	76	95226	46.09	ug/l	97
18) Methyl Acetate	4.478	43	23697	51.62	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	98030	52.21	ug/l	99
20) Methylene Chloride	4.722	84	36933	46.77	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	36913	51.35	ug/l	95
22) Diisopropyl ether	6.118	45	122956	51.61	ug/l	98
23) Vinyl Acetate	6.064	43	422510	261.87	ug/l	100
24) 1,1-Dichloroethane	6.021	63	65694	51.55	ug/l	100
25) 2-Butanone	6.990	43	70749	254.15	ug/l	99
26) 2,2-Dichloropropane	6.984	77	58674	49.79	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	41250	52.24	ug/l	97
28) Bromochloromethane	7.338	49	29126	51.72	ug/l	100
29) Tetrahydrofuran	7.350	42	46100	256.59	ug/l	100
30) Chloroform	7.508	83	66467	51.42	ug/l	96
31) Cyclohexane	7.783	56	61032	47.05	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	60670	51.10	ug/l	100
36) 1,1-Dichloropropene	7.917	75	52077	49.58	ug/l	99
37) Ethyl Acetate	7.076	43	31370	50.51	ug/l	99
38) Carbon Tetrachloride	7.899	117	55010	50.72	ug/l	98
39) Methylcyclohexane	9.179	83	63264	49.85	ug/l	98
40) Benzene	8.161	78	147408	50.53	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	16378m	49.91	ug/l	
42) 1,2-Dichloroethane	8.240	62	49166	51.31	ug/l	100
43) Isopropyl Acetate	8.270	43	62037	53.01	ug/l	99
44) Trichloroethene	8.935	130	40329	50.04	ug/l	95
45) 1,2-Dichloropropane	9.215	63	37230	52.06	ug/l	100
46) Dibromomethane	9.307	93	20774	51.95	ug/l	99
47) Bromodichloromethane	9.496	83	53516	52.33	ug/l	96
48) Methyl methacrylate	9.289	41	29484	51.52	ug/l	98
49) 1,4-Dioxane	9.301	88	5190	1076.54	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	159571	264.02	ug/l	100
52) Toluene	10.240	92	93394	51.20	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	56517	51.38	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	62951	51.13	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	29652	52.32	ug/l	99
56) Ethyl methacrylate	10.508	69	43074	53.23	ug/l	98
57) 1,3-Dichloropropane	10.788	76	52034	51.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	80217	218.56	ug/l	98
59) 2-Hexanone	10.831	43	112238	263.48	ug/l	98
60) Dibromochloromethane	10.983	129	37790	52.84	ug/l	98
61) 1,2-Dibromoethane	11.087	107	28893	52.00	ug/l	98
64) Tetrachloroethene	10.715	164	44216	49.82	ug/l	99
65) Chlorobenzene	11.514	112	99090	51.10	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	38084	51.40	ug/l	99
67) Ethyl Benzene	11.593	91	183335	50.39	ug/l	100
68) m/p-Xylenes	11.703	106	136844	101.98	ug/l	100
69) o-Xylene	12.026	106	63999	50.76	ug/l	99
70) Styrene	12.044	104	112838	52.10	ug/l	100
71) Bromoform	12.209	173	25035	52.83	ug/l #	99
73) Isopropylbenzene	12.331	105	176043	50.95	ug/l	100
74) N-amyl acetate	12.142	43	56045	53.69	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	32978	52.42	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	25884m	52.99	ug/l	
77) Bromobenzene	12.605	156	43952	51.68	ug/l	99
78) n-propylbenzene	12.672	91	210319	50.84	ug/l	100
79) 2-Chlorotoluene	12.757	91	119651	50.98	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	150897	51.20	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	13368	50.81	ug/l	96
82) 4-Chlorotoluene	12.849	91	125054	50.78	ug/l	100
83) tert-Butylbenzene	13.074	119	128386	50.86	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	151508	51.31	ug/l	99
85) sec-Butylbenzene	13.251	105	177515	51.34	ug/l	100
86) p-Isopropyltoluene	13.367	119	164884	51.21	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	81886	50.55	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	80177	49.83	ug/l	99
89) n-Butylbenzene	13.696	91	153446	51.32	ug/l	100
90) Hexachloroethane	13.958	117	29824	51.95	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	73121	51.02	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6213	51.57	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	50229	48.80	ug/l	99
94) Hexachlorobutadiene	15.111	225	32400	49.84	ug/l	98
95) Naphthalene	15.233	128	96335	51.32	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	43578	49.64	ug/l	99

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

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