

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022221\
 Data File : VY004032.D
 Acq On : 22 Feb 2021 12:29
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

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 2/23/2021 1:06:15 PM

Quant Time: Feb 23 03:15:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 23 03:09:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	83199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	123560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	113230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58250	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	48213	51.93	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.86%			
35) Dibromofluoromethane	7.722	113	39934	53.61	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.22%			
50) Toluene-d8	10.179	98	160684	53.80	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.60%			
62) 4-Bromofluorobenzene	12.477	95	56749	53.78	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.56%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	34205	43.32	ug/l	100
3) Chloromethane	2.113	50	52399	44.43	ug/l	100
4) Vinyl Chloride	2.253	62	52867	46.22	ug/l	100
5) Bromomethane	2.650	94	34953	45.58	ug/l	100
6) Chloroethane	2.796	64	33403	48.35	ug/l	100
7) Trichlorofluoromethane	3.125	101	69149	48.34	ug/l	100
8) Diethyl Ether	3.534	74	22691	49.57	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.905	101	38612	50.48	ug/l	100
10) Methyl Iodide	4.094	142	52280	54.41	ug/l	100
11) Tert butyl alcohol	4.954	59	23897	173.49	ug/l	100
12) 1,1-Dichloroethene	3.875	96	39017	50.80	ug/l	100
13) Acrolein	3.735	56	23374	253.13	ug/l	100
14) Allyl chloride	4.485	41	73573	50.53	ug/l	100
15) Acrylonitrile	5.167	53	58987	244.45	ug/l	100
16) Acetone	3.948	43	56821	242.17	ug/l	100
17) Carbon Disulfide	4.198	76	126331	50.90	ug/l	100
18) Methyl Acetate	4.478	43	26906	48.80	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	111019	49.23	ug/l	100
20) Methylene Chloride	4.722	84	44157	46.55	ug/l	100
21) trans-1,2-Dichloroethene	5.222	96	43910	50.85	ug/l	100
22) Diisopropyl ether	6.125	45	144192	50.39	ug/l	100
23) Vinyl Acetate	6.064	43	481862	248.66	ug/l	100
24) 1,1-Dichloroethane	6.021	63	77687	50.76	ug/l	100
25) 2-Butanone	6.990	43	80202	239.87	ug/l	100
26) 2,2-Dichloropropane	6.984	77	70349	49.71	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	47742	50.34	ug/l	100
28) Bromochloromethane	7.338	49	33711	49.84	ug/l	100
29) Tetrahydrofuran	7.350	42	51867	240.36	ug/l	100
30) Chloroform	7.508	83	78161	50.35	ug/l	100
31) Cyclohexane	7.789	56	74871	48.05	ug/l	100
32) 1,1,1-Trichloroethane	7.703	97	71020	49.80	ug/l	100
36) 1,1-Dichloropropene	7.917	75	62222	50.29	ug/l	100
37) Ethyl Acetate	7.076	43	35535	48.57	ug/l	100
38) Carbon Tetrachloride	7.899	117	64574	50.54	ug/l	100
39) Methylcyclohexane	9.185	83	76784	51.36	ug/l	100
40) Benzene	8.161	78	174625	50.82	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	20669m	42.57	ug/l	
42) 1,2-Dichloroethane	8.240	62	56185	49.77	ug/l	100
43) Isopropyl Acetate	8.270	43	69524	50.43	ug/l	100
44) Trichloroethene	8.941	130	48486	51.07	ug/l	100
45) 1,2-Dichloropropane	9.215	63	43747	51.93	ug/l	100
46) Dibromomethane	9.307	93	23998	50.94	ug/l	100
47) Bromodichloromethane	9.496	83	61459	51.02	ug/l	100
48) Methyl methacrylate	9.289	41	32919	48.83	ug/l	100
49) 1,4-Dioxane	9.295	88	5972	1051.57	ug/l	100
51) 4-Methyl-2-Pentanone	10.069	43	176978	248.57	ug/l	100
52) Toluene	10.240	92	109446	50.94	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	66070	50.98	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	74275	51.21	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	33960	50.87	ug/l	100
56) Ethyl methacrylate	10.508	69	49386	51.81	ug/l	100
57) 1,3-Dichloropropane	10.788	76	59824	50.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	94893	219.48	ug/l	100
59) 2-Hexanone	10.831	43	124635	248.37	ug/l	100
60) Dibromochloromethane	10.983	129	43029	51.08	ug/l	100
61) 1,2-Dibromoethane	11.087	107	32927	50.31	ug/l	100
64) Tetrachloroethene	10.715	164	53325	51.09	ug/l	100
65) Chlorobenzene	11.514	112	116520	51.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	44528	51.10	ug/l	100
67) Ethyl Benzene	11.593	91	218295	51.02	ug/l	100
68) m/p-Xylenes	11.697	106	162384	102.89	ug/l	100
69) o-Xylene	12.026	106	76033	51.27	ug/l	100
70) Styrene	12.038	104	132397	51.97	ug/l	100
71) Bromoform	12.203	173	28258	50.70	ug/l #	100
73) Isopropylbenzene	12.325	105	209236	50.59	ug/l	100
74) N-amyl acetate	12.142	43	63044	50.46	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	37803	50.21	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	28887m	47.11	ug/l	
77) Bromobenzene	12.605	156	51926	51.01	ug/l	100
78) n-propylbenzene	12.666	91	253475	51.19	ug/l	100
79) 2-Chlorotoluene	12.751	91	142149	50.61	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	180473	51.16	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	16068	51.02	ug/l	100
82) 4-Chlorotoluene	12.849	91	149920	50.87	ug/l	100
83) tert-Butylbenzene	13.074	119	154766	51.23	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	181011	51.22	ug/l	100
85) sec-Butylbenzene	13.251	105	215312	52.03	ug/l	100
86) p-Isopropyltoluene	13.367	119	199695	51.82	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	98954	51.04	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	98485	51.14	ug/l	100
89) n-Butylbenzene	13.690	91	189015	52.82	ug/l	100
90) Hexachloroethane	13.958	117	35349	51.44	ug/l	100
91) 1,2-Dichlorobenzene	13.733	146	86942	50.69	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7184	49.82	ug/l	100
93) 1,2,4-Trichlorobenzene	15.001	180	62875	51.04	ug/l	100
94) Hexachlorobutadiene	15.105	225	40354	51.87	ug/l	100
95) Naphthalene	15.233	128	113326	50.45	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	53679	51.09	ug/l	100

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

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