

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022221\
 Data File : VY004042.D
 Acq On : 22 Feb 2021 18:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/23/2021 1:06:58 PM

Quant Time: Feb 23 04:06:34 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	73520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	105206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	97891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	49992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	44391	54.11	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.22%			
35) Dibromofluoromethane	7.722	113	35912	56.62	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.24%			
50) Toluene-d8	10.179	98	133331	52.43	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.86%			
62) 4-Bromofluorobenzene	12.477	95	49147	54.70	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.40%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	30421	43.60	ug/l	97
3) Chloromethane	2.113	50	48930	46.95	ug/l	98
4) Vinyl Chloride	2.253	62	49192	48.67	ug/l	98
5) Bromomethane	2.649	94	32185	47.49	ug/l	99
6) Chloroethane	2.796	64	30631	50.18	ug/l	96
7) Trichlorofluoromethane	3.125	101	61575	48.71	ug/l	99
8) Diethyl Ether	3.533	74	20583	50.89	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	33836	50.06	ug/l	99
10) Methyl Iodide	4.094	142	46727	55.03	ug/l	99
11) Tert butyl alcohol	4.960	59	18960	232.95	ug/l	96
12) 1,1-Dichloroethene	3.875	96	34236	50.44	ug/l	95
13) Acrolein	3.735	56	21782	266.95	ug/l	98
14) Allyl chloride	4.478	41	66968	52.05	ug/l	99
15) Acrylonitrile	5.167	53	56330	264.18	ug/l	99
16) Acetone	3.948	43	45681	220.32	ug/l	94
17) Carbon Disulfide	4.198	76	112606	51.35	ug/l	99
18) Methyl Acetate	4.484	43	26875	55.16	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	105527	52.95	ug/l	99
20) Methylene Chloride	4.722	84	42973	51.27	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	39695	52.02	ug/l	96
22) Diisopropyl ether	6.124	45	137171	54.25	ug/l	99
23) Vinyl Acetate	6.063	43	449723	262.63	ug/l	99
24) 1,1-Dichloroethane	6.027	63	72111	53.32	ug/l	100
25) 2-Butanone	6.990	43	75039	253.98	ug/l	98
26) 2,2-Dichloropropane	6.984	77	60549	48.41	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	44715	53.36	ug/l	98
28) Bromochloromethane	7.338	49	31162	52.14	ug/l	100
29) Tetrahydrofuran	7.350	42	50174	263.12	ug/l	98
30) Chloroform	7.508	83	72663	52.97	ug/l	98
31) Cyclohexane	7.783	56	63715	46.28	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	64832	51.45	ug/l	99
36) 1,1-Dichloropropene	7.917	75	56080	53.23	ug/l	100
37) Ethyl Acetate	7.075	43	33710	54.12	ug/l	100
38) Carbon Tetrachloride	7.898	117	57299	52.67	ug/l	99
39) Methylcyclohexane	9.179	83	64000	50.28	ug/l	97
40) Benzene	8.161	78	155537	53.16	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	16025m	48.69	ug/l	
42) 1,2-Dichloroethane	8.240	62	50231	52.26	ug/l	99
43) Isopropyl Acetate	8.270	43	60406	51.47	ug/l	99
44) Trichloroethene	8.941	130	41081	50.82	ug/l	97
45) 1,2-Dichloropropane	9.215	63	37868	52.80	ug/l	100
46) Dibromomethane	9.307	93	20843	51.96	ug/l	98
47) Bromodichloromethane	9.496	83	53366	52.03	ug/l	99
48) Methyl methacrylate	9.288	41	28572	49.77	ug/l	99
49) 1,4-Dioxane	9.301	88	5456	1128.31	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	148677	245.25	ug/l	99
52) Toluene	10.239	92	92005	50.29	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	55395	50.20	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	62082	50.27	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	28698	50.49	ug/l	98
56) Ethyl methacrylate	10.508	69	42019	51.77	ug/l	99
57) 1,3-Dichloropropane	10.788	76	50887	50.56	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	82644	224.49	ug/l	99
59) 2-Hexanone	10.831	43	103865	243.09	ug/l	99
60) Dibromochloromethane	10.983	129	38965	54.32	ug/l	98
61) 1,2-Dibromoethane	11.087	107	30351	54.46	ug/l	98
64) Tetrachloroethene	10.715	164	44034	48.80	ug/l	99
65) Chlorobenzene	11.514	112	99586	50.51	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	38980	51.74	ug/l	98
67) Ethyl Benzene	11.593	91	185242	50.08	ug/l	99
68) m/p-Xylenes	11.703	106	136803	100.26	ug/l	99
69) o-Xylene	12.026	106	65587	51.15	ug/l	100
70) Styrene	12.044	104	112616	51.13	ug/l	99
71) Bromoform	12.209	173	24511	50.87	ug/l #	99
73) Isopropylbenzene	12.324	105	176714	49.79	ug/l	100
74) N-amyl acetate	12.142	43	55611	51.86	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	32454	50.23	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	26195m	52.21	ug/l	
77) Bromobenzene	12.605	156	44606	51.06	ug/l	100
78) n-propylbenzene	12.666	91	211929	49.87	ug/l	99
79) 2-Chlorotoluene	12.751	91	121714	50.49	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	154061	50.89	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	13877	51.35	ug/l	98
82) 4-Chlorotoluene	12.855	91	128171	50.67	ug/l	100
83) tert-Butylbenzene	13.074	119	132037	50.92	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	153480	50.60	ug/l	99
85) sec-Butylbenzene	13.251	105	182370	51.35	ug/l	100
86) p-Isopropyltoluene	13.367	119	167516	50.65	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	84727	50.92	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	83504	50.52	ug/l	100
89) n-Butylbenzene	13.696	91	158125	51.49	ug/l	100
90) Hexachloroethane	13.958	117	30152	51.13	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	76823	52.19	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6216	50.23	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	54392	51.44	ug/l	98
94) Hexachlorobutadiene	15.111	225	34218	51.24	ug/l	98
95) Naphthalene	15.232	128	101401	52.59	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	47006	52.12	ug/l	100

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

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