

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
 Data File : VX021756.D
 Acq On : 20 Apr 2021 14:10
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042021

Manual Integrations
 APPROVED

MMDadoda
 4/21/2021 4:35:45 PM

Quant Time: Apr 21 11:18:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	185945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	284215	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	262865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	137850	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	93969	44.55	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.10%		
35) Dibromofluoromethane	5.464	113	85649	47.12	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.24%		
50) Toluene-d8	8.696	98	329386	47.13	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.26%		
62) 4-Bromofluorobenzene	11.116	95	125160	47.96	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.92%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	89375	49.95	ug/l	98
3) Chloromethane	1.313	50	105677	44.96	ug/l	97
4) Vinyl Chloride	1.392	62	104531	48.92	ug/l	99
5) Bromomethane	1.624	94	43946	47.05	ug/l	99
6) Chloroethane	1.709	64	63729	47.30	ug/l	98
7) Trichlorofluoromethane	1.910	101	141692	49.50	ug/l	99
8) Diethyl Ether	2.166	74	55811	47.30	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.361	101	83087	48.41	ug/l	96
10) Methyl Iodide	2.489	142	62122	47.12	ug/l	99
11) Tert butyl alcohol	3.014	59	101942	220.69	ug/l	99
12) 1,1-Dichloroethene	2.355	96	82993	48.34	ug/l	94
13) Acrolein	2.270	56	81018	216.82	ug/l	99
14) Allyl chloride	2.703	41	131060	47.49	ug/l	97
15) Acrylonitrile	3.117	53	222718	238.24	ug/l	99
16) Acetone	2.416	43	165720	228.51	ug/l	97
17) Carbon Disulfide	2.550	76	238411	48.72	ug/l	98
18) Methyl Acetate	2.745	43	91416	46.45	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	279150	47.17	ug/l	100
20) Methylene Chloride	2.831	84	95882	44.10	ug/l	97
21) trans-1,2-Dichloroethene	3.136	96	93080	47.22	ug/l	97
22) Diisopropyl ether	3.824	45	261097	47.17	ug/l	93
23) Vinyl Acetate	3.782	43	1157330	241.54	ug/l	99
24) 1,1-Dichloroethane	3.666	63	157746	48.02	ug/l	99
25) 2-Butanone	4.629	43	289612	235.84	ug/l	98
26) 2,2-Dichloropropane	4.550	77	147208	46.33	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	107698	48.09	ug/l	94
28) Bromochloromethane	4.983	49	60567	44.43	ug/l	87
29) Tetrahydrofuran	5.086	42	188447	235.85	ug/l	98
30) Chloroform	5.172	83	164043	46.11	ug/l	100
31) Cyclohexane	5.544	56	139535	47.03	ug/l	92
32) 1,1,1-Trichloroethane	5.464	97	148743	47.05	ug/l	97
36) 1,1-Dichloropropene	5.763	75	127691	50.90	ug/l	99
37) Ethyl Acetate	4.794	43	115269	48.88	ug/l	99
38) Carbon Tetrachloride	5.751	117	138001	50.23	ug/l	97
39) Methylcyclohexane	7.440	83	165126	50.81	ug/l	96
40) Benzene	6.111	78	375225	50.14	ug/l	100

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41) Methacrylonitrile	5.001	41	64361	48.50	ug/l	99
42) 1,2-Dichloroethane	6.159	62	121909	50.19	ug/l	98
43) Isopropyl Acetate	6.409	43	199205	48.23	ug/l	100
44) Trichloroethene	7.184	130	111333	50.98	ug/l	96
45) 1,2-Dichloropropane	7.488	63	97593	49.69	ug/l	98
46) Dibromomethane	7.635	93	69000	50.11	ug/l	96
47) Bromodichloromethane	7.873	83	138401	49.30	ug/l	99
48) Methyl methacrylate	7.744	41	97582	48.53	ug/l	98
49) 1,4-Dioxane	7.708	88	46181	976.74	ug/l	96
51) 4-Methyl-2-Pentanone	8.616	43	583608	246.80	ug/l	98
52) Toluene	8.763	92	245897	50.65	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	160354	50.84	ug/l	98
54) cis-1,3-Dichloropropene	8.409	75	168127	50.46	ug/l	94
55) 1,1,2-Trichloroethane	9.195	97	97808	49.06	ug/l	100
56) Ethyl methacrylate	9.159	69	149233	49.45	ug/l	99
57) 1,3-Dichloropropane	9.348	76	160853	50.26	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	390152	264.47	ug/l	97
59) 2-Hexanone	9.470	43	441576	249.13	ug/l	97
60) Dibromochloromethane	9.561	129	121170	50.07	ug/l	100
61) 1,2-Dibromoethane	9.653	107	107081	49.41	ug/l	100
64) Tetrachloroethene	9.317	164	103161	50.19	ug/l	98
65) Chlorobenzene	10.116	112	274417	50.57	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	105270	50.14	ug/l	99
67) Ethyl Benzene	10.232	91	473897	50.45	ug/l	98
68) m/p-Xylenes	10.342	106	370246	101.86	ug/l	95
69) o-Xylene	10.683	106	176894	50.48	ug/l	94
70) Styrene	10.695	104	303516	51.07	ug/l	97
71) Bromoform	10.841	173	97320	51.18	ug/l #	98
73) Isopropylbenzene	11.000	105	472775	48.88	ug/l	99
74) N-amyl acetate	10.878	43	178367	47.99	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	145720	49.55	ug/l	100
76) 1,2,3-Trichloropropane	11.280	75	118788m	43.45	ug/l	
77) Bromobenzene	11.238	156	123297	48.31	ug/l	91
78) n-propylbenzene	11.341	91	534565	49.97	ug/l	97
79) 2-Chlorotoluene	11.402	91	311050	49.41	ug/l	96
80) 1,3,5-Trimethylbenzene	11.488	105	403625	49.27	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.055	75	56269	47.33	ug/l #	80
82) 4-Chlorotoluene	11.494	91	364562	49.95	ug/l	96
83) tert-Butylbenzene	11.750	119	400443	48.96	ug/l	98
84) 1,2,4-Trimethylbenzene	11.786	105	405272	48.99	ug/l	98
85) sec-Butylbenzene	11.927	105	468906	50.02	ug/l	99
86) p-Isopropyltoluene	12.049	119	444365	49.91	ug/l	98
87) 1,3-Dichlorobenzene	12.006	146	222302	50.43	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	221817	49.76	ug/l	99
89) n-Butylbenzene	12.372	91	384433	51.16	ug/l	98
90) Hexachloroethane	12.579	117	82170	50.60	ug/l	87
91) 1,2-Dichlorobenzene	12.372	146	213696	50.19	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	31533	47.92	ug/l	91
93) 1,2,4-Trichlorobenzene	13.628	180	158795	51.72	ug/l	99
94) Hexachlorobutadiene	13.762	225	84488	55.95	ug/l	98
95) Naphthalene	13.817	128	465128	50.05	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	153904	52.23	ug/l	99

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

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