

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073120\
 Data File : VX017739.D
 Acq On : 01 Aug 2020 06:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:02:39 PM

Quant Time: Aug 01 07:34:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	499174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	768913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	762491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	412609	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	362651	56.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.12%	
35) Dibromofluoromethane	5.47	113	288491	56.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.20%	
50) Toluene-d8	8.70	98	1031900	55.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.24%	
62) 4-Bromofluorobenzene	11.12	95	417096	56.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	233594	50.449	ug/l	99
3) Chloromethane	1.31	50	267794	43.449	ug/l	99
4) Vinyl Chloride	1.39	62	275086	43.793	ug/l	99
5) Bromomethane	1.62	94	167953	49.729	ug/l	98
6) Chloroethane	1.70	64	167399	48.302	ug/l	94
7) Trichlorofluoromethane	1.91	101	463273	46.890	ug/l	98
8) Diethyl Ether	2.17	74	157901	49.275	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	240530	44.363	ug/l	97
10) Methyl Iodide	2.49	142	272670	39.310	ug/l	96
11) Tert butyl alcohol	3.03	59	338092	250.178	ug/l	100
12) 1,1-Dichloroethene	2.35	96	234422	45.466	ug/l	98
13) Acrolein	2.28	56	264953	256.679	ug/l	99
14) Allyl chloride	2.70	41	435606	46.269	ug/l	99
15) Acrylonitrile	3.12	53	756256	259.091	ug/l	99
16) Acetone	2.42	43	703542	249.289	ug/l	97
17) Carbon Disulfide	2.55	76	647781	41.335	ug/l	100
18) Methyl Acetate	2.75	43	358960	54.006	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	880641	49.348	ug/l	100
20) Methylene Chloride	2.84	84	285313	53.775	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	265247	48.022	ug/l	97
22) Diisopropyl ether	3.83	45	896526	52.081	ug/l	98
23) Vinyl Acetate	3.79	43	3937764	256.555	ug/l	99
24) 1,1-Dichloroethane	3.67	63	498948	50.316	ug/l	100
25) 2-Butanone	4.64	43	1081749	269.815	ug/l	97
26) 2,2-Dichloropropane	4.55	77	307267	34.616	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	303518	50.592	ug/l	96
28) Bromochloromethane	4.98	49	224951	50.059	ug/l	100
29) Tetrahydrofuran	5.09	42	696069	280.287	ug/l	98
30) Chloroform	5.18	83	530133	52.321	ug/l	98
31) Cyclohexane	5.55	56	396000	50.077	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	491876	51.481	ug/l	100
36) 1,1-Dichloropropene	5.77	75	373329	50.624	ug/l	99
37) Ethyl Acetate	4.80	43	413299	51.221	ug/l	99
38) Carbon Tetrachloride	5.76	117	454571	50.759	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	395262	45.913	ug/l	99
40) Benzene	6.12	78	1086149	51.373	ug/l	99
41) Methacrylonitrile	5.00	41	225235	48.699	ug/l	95
42) 1,2-Dichloroethane	6.16	62	446902	51.668	ug/l	99
43) Isopropyl Acetate	6.42	43	676105	50.785	ug/l	99
44) Trichloroethene	7.19	130	321588	52.048	ug/l	89
45) 1,2-Dichloropropane	7.49	63	298944	51.005	ug/l	99
46) Dibromomethane	7.64	93	208509	50.339	ug/l	100
47) Bromodichloromethane	7.88	83	443613	53.227	ug/l	100
48) Methyl methacrylate	7.75	41	348718	52.842	ug/l	99
49) 1,4-Dioxane	7.71	88	141442	1117.913	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2209050	278.095	ug/l	99
52) Toluene	8.77	92	707022	52.144	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	459487	49.250	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	485384	51.006	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	309266	54.753	ug/l	99
56) Ethyl methacrylate	9.16	69	462753	54.379	ug/l	99
57) 1,3-Dichloropropane	9.35	76	499285	53.682	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1180196	263.241	ug/l	100
59) 2-Hexanone	9.48	43	1666746	278.694	ug/l	99
60) Dibromochloromethane	9.57	129	383270	53.386	ug/l	100
61) 1,2-Dibromoethane	9.65	107	335249	55.749	ug/l	100
64) Tetrachloroethene	9.32	164	330381	48.276	ug/l	97
65) Chlorobenzene	10.12	112	818011	49.564	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	332361	49.897	ug/l	100
67) Ethyl Benzene	10.24	91	1394879	50.631	ug/l	98
68) m/p-Xylenes	10.34	106	1074954	100.719	ug/l	98
69) o-Xylene	10.68	106	519557	50.615	ug/l	100
70) Styrene	10.69	104	915836	52.439	ug/l	99
71) Bromoform	10.84	173	288700	50.027	ug/l #	99
73) Isopropylbenzene	11.00	105	1418791	50.124	ug/l	99
74) N-amyl acetate	10.88	43	610325	48.529	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	426988	48.328	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	415189m	48.917	ug/l	
77) Bromobenzene	11.24	156	370985	46.816	ug/l	98
78) n-propylbenzene	11.34	91	1608179	50.375	ug/l	99
79) 2-Chlorotoluene	11.40	91	976092	49.358	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1184451	49.010	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	142722	42.371	ug/l	98
82) 4-Chlorotoluene	11.49	91	1146508	49.148	ug/l	99
83) tert-Butylbenzene	11.76	119	1158076	50.079	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1221459	50.814	ug/l	99
85) sec-Butylbenzene	11.93	105	1351989	50.187	ug/l	99
86) p-Isopropyltoluene	12.05	119	1264119	49.276	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	664926	48.863	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	668162	47.404	ug/l	99
89) n-Butylbenzene	12.37	91	1092308	47.784	ug/l	98
90) Hexachloroethane	12.58	117	243216	48.088	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	637174	47.642	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	111903	45.055	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	449974	49.297	ug/l	100
94) Hexachlorobutadiene	13.77	225	185346	44.113	ug/l	96
95) Naphthalene	13.82	128	1451012	53.252	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	452062	50.159	ug/l	100

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

