

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX080420\
 Data File : VX017773.D
 Acq On : 04 Aug 2020 16:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/5/2020 2:51:26 PM

Quant Time: Aug 05 08:49:23 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	485189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	742437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	721226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	385611	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	341450	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
35) Dibromofluoromethane	5.47	113	267372	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
50) Toluene-d8	8.70	98	960227	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
62) 4-Bromofluorobenzene	11.12	95	375185	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	216761	48.116	ug/l	98
3) Chloromethane	1.31	50	268808	44.859	ug/l	100
4) Vinyl Chloride	1.39	62	269786	44.187	ug/l	97
5) Bromomethane	1.62	94	161947	49.307	ug/l	96
6) Chloroethane	1.70	64	170718	50.718	ug/l	93
7) Trichlorofluoromethane	1.92	101	455760	47.459	ug/l	99
8) Diethyl Ether	2.17	74	157602	50.637	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	237015	44.975	ug/l	97
10) Methyl Iodide	2.50	142	297429	44.115	ug/l	96
11) Tert butyl alcohol	3.03	59	317414	241.647	ug/l	99
12) 1,1-Dichloroethene	2.36	96	229301	45.755	ug/l	96
13) Acrolein	2.27	56	242883	242.316	ug/l	98
14) Allyl chloride	2.71	41	460669	50.342	ug/l	98
15) Acrylonitrile	3.12	53	730760	257.573	ug/l	99
16) Acetone	2.42	43	712320	259.674	ug/l	98
17) Carbon Disulfide	2.55	76	619966	40.700	ug/l	98
18) Methyl Acetate	2.75	43	375933	58.190	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	836776	48.241	ug/l	100
20) Methylene Chloride	2.84	84	281474	54.601	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	244963	45.628	ug/l	95
22) Diisopropyl ether	3.83	45	860064	51.402	ug/l	99
23) Vinyl Acetate	3.79	43	3841043	257.466	ug/l	99
24) 1,1-Dichloroethane	3.67	63	477332	49.523	ug/l	99
25) 2-Butanone	4.64	43	1050243	269.507	ug/l	98
26) 2,2-Dichloropropane	4.55	77	399466	46.300	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	290576	49.831	ug/l	98
28) Bromochloromethane	4.98	49	211125	48.337	ug/l	97
29) Tetrahydrofuran	5.09	42	657238	272.279	ug/l	99
30) Chloroform	5.18	83	509587	51.743	ug/l	98
31) Cyclohexane	5.55	56	364709	47.450	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	473602	50.997	ug/l	100
36) 1,1-Dichloropropene	5.77	75	351003	49.294	ug/l	99
37) Ethyl Acetate	4.80	43	412181	52.904	ug/l	99
38) Carbon Tetrachloride	5.76	117	432042	49.964	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	362017	43.551	ug/l	100
40) Benzene	6.12	78	1101042	53.934	ug/l	98
41) Methacrylonitrile	5.01	41	231179	51.767	ug/l	98
42) 1,2-Dichloroethane	6.17	62	449687	53.844	ug/l	98
43) Isopropyl Acetate	6.42	43	687225	53.461	ug/l	100
44) Trichloroethene	7.19	130	335460	56.229	ug/l	94
45) 1,2-Dichloropropane	7.49	63	275862	48.745	ug/l	97
46) Dibromomethane	7.64	93	201859	50.472	ug/l	98
47) Bromodichloromethane	7.88	83	419653	52.148	ug/l	99
48) Methyl methacrylate	7.75	41	344029	53.990	ug/l	99
49) 1,4-Dioxane	7.72	88	118298	968.332	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2155194	280.991	ug/l	99
52) Toluene	8.77	92	658876	50.326	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	448935	49.835	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	454706	49.486	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	289320	53.048	ug/l	97
56) Ethyl methacrylate	9.16	69	449580	54.715	ug/l	100
57) 1,3-Dichloropropane	9.35	76	467577	52.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1123028	259.423	ug/l	99
59) 2-Hexanone	9.48	43	1492575	258.471	ug/l	99
60) Dibromochloromethane	9.57	129	369688	53.331	ug/l	100
61) 1,2-Dibromoethane	9.65	107	309131	53.239	ug/l	99
64) Tetrachloroethene	9.32	164	313199	48.384	ug/l	96
65) Chlorobenzene	10.12	112	804901	51.560	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	336683	53.438	ug/l	100
67) Ethyl Benzene	10.24	91	1431415	54.930	ug/l	99
68) m/p-Xylenes	10.34	106	1068776	105.869	ug/l	97
69) o-Xylene	10.68	106	477474	49.177	ug/l	99
70) Styrene	10.70	104	840868	50.901	ug/l	98
71) Bromoform	10.84	173	263580	48.287	ug/l	98
73) Isopropylbenzene	11.00	105	1302538	49.239	ug/l	99
74) N-amyl acetate	10.88	43	556893	47.381	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	383520	46.447	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	370630m	46.725	ug/l	
77) Bromobenzene	11.24	156	341210	46.074	ug/l	99
78) n-propylbenzene	11.34	91	1459634	48.923	ug/l	100
79) 2-Chlorotoluene	11.40	91	881089	47.673	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1098856	48.651	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	145671	46.275	ug/l	99
82) 4-Chlorotoluene	11.49	91	1059203	48.584	ug/l	100
83) tert-Butylbenzene	11.76	119	1049383	48.556	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1095343	48.758	ug/l	99
85) sec-Butylbenzene	11.93	105	1227706	48.765	ug/l	99
86) p-Isopropyltoluene	12.05	119	1156815	48.250	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	593928	46.702	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	612069	46.464	ug/l	98
89) n-Butylbenzene	12.37	91	959472	44.911	ug/l	100
90) Hexachloroethane	12.58	117	216418	45.786	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	594480	47.562	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	106152	45.693	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	402771	47.215	ug/l	99
94) Hexachlorobutadiene	13.77	225	144506	36.801	ug/l	95
95) Naphthalene	13.82	128	1301235	51.099	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	397096	47.145	ug/l	97

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

