

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070120\
 Data File : VX017112.D
 Acq On : 01 Jul 2020 20:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 9:16:06 AM

Quant Time: Jul 02 03:49:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	256281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	396206	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	377368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	153270	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
35) Dibromofluoromethane	5.46	113	126867	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
50) Toluene-d8	8.70	98	462961	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.12	95	185996	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	120606	48.644	ug/l	98
3) Chloromethane	1.31	50	131381	43.777	ug/l	98
4) Vinyl Chloride	1.39	62	129329	46.446	ug/l	98
5) Bromomethane	1.62	94	73136	49.714	ug/l	98
6) Chloroethane	1.71	64	75088	45.659	ug/l	98
7) Trichlorofluoromethane	1.92	101	203231	49.350	ug/l	98
8) Diethyl Ether	2.17	74	71035	51.256	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	120161	48.683	ug/l	98
10) Methyl Iodide	2.49	142	145855	45.797	ug/l	98
11) Tert butyl alcohol	3.01	59	144562	239.847	ug/l	99
12) 1,1-Dichloroethene	2.36	96	119706	47.211	ug/l	96
13) Acrolein	2.28	56	50013	138.810	ug/l	98
14) Allyl chloride	2.71	41	215884	46.071	ug/l	98
15) Acrylonitrile	3.12	53	353994	244.314	ug/l	100
16) Acetone	2.42	43	287950	243.630	ug/l	98
17) Carbon Disulfide	2.55	76	341965	48.332	ug/l	99
18) Methyl Acetate	2.75	43	155966	50.550	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	427216	50.203	ug/l	99
20) Methylene Chloride	2.84	84	138754	51.207	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	134096	47.656	ug/l	96
22) Diisopropyl ether	3.82	45	427144	49.251	ug/l	97
23) Vinyl Acetate	3.79	43	1893332	254.050	ug/l	99
24) 1,1-Dichloroethane	3.67	63	238823	48.396	ug/l	100
25) 2-Butanone	4.64	43	481870	244.682	ug/l	100
26) 2,2-Dichloropropane	4.56	77	191049	43.602	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	150073	47.071	ug/l	100
28) Bromochloromethane	4.98	49	109757	45.706	ug/l	97
29) Tetrahydrofuran	5.09	42	320638	246.416	ug/l	100
30) Chloroform	5.18	83	247921	49.009	ug/l	98
31) Cyclohexane	5.55	56	203570	47.725	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	223710	48.019	ug/l	98
36) 1,1-Dichloropropene	5.77	75	181156	48.378	ug/l	99
37) Ethyl Acetate	4.79	43	190195	50.060	ug/l	99
38) Carbon Tetrachloride	5.76	117	206873	50.158	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	205095	49.226	ug/l	99
40) Benzene	6.12	78	537017	48.809	ug/l	100
41) Methacrylonitrile	5.01	41	109417	51.169	ug/l	98
42) 1,2-Dichloroethane	6.17	62	200789	50.524	ug/l	100
43) Isopropyl Acetate	6.42	43	311568	49.350	ug/l	99
44) Trichloroethene	7.19	130	155658	51.277	ug/l	98
45) 1,2-Dichloropropane	7.49	63	140638	49.768	ug/l	96
46) Dibromomethane	7.64	93	96867	50.209	ug/l	97
47) Bromodichloromethane	7.87	83	200803	50.505	ug/l	95
48) Methyl methacrylate	7.74	41	156117	52.048	ug/l	97
49) 1,4-Dioxane	7.71	88	65456	963.269	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	971028	258.019	ug/l	100
52) Toluene	8.76	92	344083	50.090	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	219580	50.055	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	230763	49.072	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	140497	50.060	ug/l	99
56) Ethyl methacrylate	9.16	69	214982	53.817	ug/l	99
57) 1,3-Dichloropropane	9.35	76	237506	50.012	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	565085	284.232	ug/l	100
59) 2-Hexanone	9.48	43	736324	267.896	ug/l	100
60) Dibromochloromethane	9.57	129	169083	51.870	ug/l	100
61) 1,2-Dibromoethane	9.65	107	153307	50.818	ug/l	100
64) Tetrachloroethene	9.32	164	145600	47.807	ug/l	99
65) Chlorobenzene	10.12	112	379939	48.781	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	152330	50.749	ug/l	99
67) Ethyl Benzene	10.23	91	663548	51.014	ug/l	100
68) m/p-Xylenes	10.34	106	508165	101.749	ug/l	98
69) o-Xylene	10.68	106	243248	51.198	ug/l	98
70) Styrene	10.70	104	429013	53.026	ug/l	100
71) Bromoform	10.84	173	129572	54.436	ug/l #	99
73) Isopropylbenzene	11.00	105	661791	48.820	ug/l	100
74) N-amyl acetate	10.88	43	284053	49.109	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	203049	47.619	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	195657m	48.077	ug/l	
77) Bromobenzene	11.24	156	175516	47.111	ug/l	99
78) n-propylbenzene	11.34	91	754892	49.245	ug/l	99
79) 2-Chlorotoluene	11.40	91	452547	48.779	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	568072	50.522	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	73479	46.757	ug/l	98
82) 4-Chlorotoluene	11.49	91	543714	49.025	ug/l	100
83) tert-Butylbenzene	11.76	119	556588	50.426	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	580084	50.853	ug/l	100
85) sec-Butylbenzene	11.93	105	646298	49.813	ug/l	99
86) p-Isopropyltoluene	12.05	119	604088	50.014	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	316180	46.727	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	317043	49.683	ug/l	100
89) n-Butylbenzene	12.37	91	514116	47.670	ug/l	100
90) Hexachloroethane	12.58	117	112795	47.355	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	303334	47.959	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47663	46.857	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	206427	47.817	ug/l	99
94) Hexachlorobutadiene	13.77	225	77679	47.455	ug/l	96
95) Naphthalene	13.82	128	673734	51.334	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	201759	48.292	ug/l	99

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

