

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070120\
 Data File : VX017114.D
 Acq On : 01 Jul 2020 21:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 9:15:28 AM

Quant Time: Jul 02 03:51:43 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	256376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	394202	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196292	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	145124	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
35) Dibromofluoromethane	5.46	113	119436	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
50) Toluene-d8	8.70	98	433815	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
62) 4-Bromofluorobenzene	11.12	95	172046	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	118193	47.653	ug/l	99
3) Chloromethane	1.31	50	130222	43.375	ug/l	99
4) Vinyl Chloride	1.39	62	127140	45.643	ug/l	99
5) Bromomethane	1.62	94	68500	46.546	ug/l	99
6) Chloroethane	1.71	64	75271	45.753	ug/l	97
7) Trichlorofluoromethane	1.92	101	202905	49.253	ug/l	98
8) Diethyl Ether	2.17	74	70157	50.609	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	117821	47.718	ug/l	97
10) Methyl Iodide	2.49	142	149268	46.851	ug/l	99
11) Tert butyl alcohol	3.01	59	145529	241.362	ug/l	99
12) 1,1-Dichloroethene	2.36	96	118362	46.664	ug/l	96
13) Acrolein	2.28	56	60826	168.759	ug/l	97
14) Allyl chloride	2.71	41	212528	45.338	ug/l	99
15) Acrylonitrile	3.12	53	354606	244.646	ug/l	99
16) Acetone	2.42	43	288093	243.661	ug/l	98
17) Carbon Disulfide	2.55	76	336889	47.597	ug/l	100
18) Methyl Acetate	2.75	43	155494	50.378	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	420984	49.452	ug/l	100
20) Methylene Chloride	2.84	84	136536	50.357	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	133085	47.280	ug/l	97
22) Diisopropyl ether	3.82	45	420557	48.474	ug/l	96
23) Vinyl Acetate	3.79	43	1864741	250.121	ug/l	100
24) 1,1-Dichloroethane	3.67	63	235963	47.799	ug/l	99
25) 2-Butanone	4.64	43	479969	243.626	ug/l	98
26) 2,2-Dichloropropane	4.55	77	184977	42.201	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	148768	46.645	ug/l	99
28) Bromochloromethane	4.98	49	111490	46.411	ug/l	97
29) Tetrahydrofuran	5.09	42	320785	246.437	ug/l	100
30) Chloroform	5.18	83	244509	48.317	ug/l	100
31) Cyclohexane	5.55	56	203110	47.599	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	223521	47.961	ug/l	98
36) 1,1-Dichloropropene	5.77	75	179583	48.201	ug/l	99
37) Ethyl Acetate	4.79	43	189504	50.132	ug/l	99
38) Carbon Tetrachloride	5.76	117	205316	50.033	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	202602	48.875	ug/l	97
40) Benzene	6.12	78	526807	48.125	ug/l	99
41) Methacrylonitrile	5.01	41	107183	50.379	ug/l	99
42) 1,2-Dichloroethane	6.17	62	196859	49.787	ug/l	100
43) Isopropyl Acetate	6.42	43	311327	49.563	ug/l	99
44) Trichloroethene	7.19	130	152427	50.463	ug/l	98
45) 1,2-Dichloropropane	7.49	63	138009	49.086	ug/l	98
46) Dibromomethane	7.64	93	95766	49.891	ug/l	98
47) Bromodichloromethane	7.87	83	198452	50.168	ug/l	95
48) Methyl methacrylate	7.74	41	156376	52.400	ug/l	99
49) 1,4-Dioxane	7.71	88	65354	966.657	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	971852	259.550	ug/l	99
52) Toluene	8.77	92	341578	49.978	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	216621	49.632	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	228632	48.866	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	139035	49.791	ug/l	99
56) Ethyl methacrylate	9.16	69	210203	52.888	ug/l	100
57) 1,3-Dichloropropane	9.35	76	233173	49.349	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	525905	265.870	ug/l	99
59) 2-Hexanone	9.47	43	732011	267.681	ug/l	100
60) Dibromochloromethane	9.57	129	167882	51.764	ug/l	99
61) 1,2-Dibromoethane	9.65	107	151370	50.431	ug/l	98
64) Tetrachloroethene	9.32	164	143282	47.778	ug/l	98
65) Chlorobenzene	10.12	112	375309	48.937	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	149594	50.613	ug/l	100
67) Ethyl Benzene	10.23	91	651796	50.890	ug/l	100
68) m/p-Xylenes	10.34	106	509086	103.519	ug/l	98
69) o-Xylene	10.68	106	241244	51.567	ug/l	99
70) Styrene	10.70	104	427767	53.695	ug/l	99
71) Bromoform	10.84	173	129148	55.102	ug/l #	98
73) Isopropylbenzene	11.00	105	654481	50.903	ug/l	100
74) N-amyl acetate	10.88	43	279063	50.867	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	200147	49.488	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	195551m	50.661	ug/l	
77) Bromobenzene	11.24	156	175183	49.575	ug/l	97
78) n-propylbenzene	11.34	91	740181	50.908	ug/l	100
79) 2-Chlorotoluene	11.40	91	448378	50.955	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	554751	52.017	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	73294	49.173	ug/l	96
82) 4-Chlorotoluene	11.49	91	533608	50.727	ug/l	99
83) tert-Butylbenzene	11.76	119	537784	51.368	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	562315	51.972	ug/l	100
85) sec-Butylbenzene	11.93	105	620440	50.417	ug/l	100
86) p-Isopropyltoluene	12.05	119	586614	51.205	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	307812	47.962	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	311112	51.409	ug/l	100
89) n-Butylbenzene	12.37	91	500523	48.931	ug/l	100
90) Hexachloroethane	12.58	117	110419	48.876	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	295415	49.244	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	46617	48.318	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	205213	50.118	ug/l	100
94) Hexachlorobutadiene	13.76	225	75262	48.458	ug/l	98
95) Naphthalene	13.82	128	669541	53.786	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	203269	51.297	ug/l	100

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

