

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070620\
 Data File : VX017189.D
 Acq On : 06 Jul 2020 23:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 12:24:48 PM

Quant Time: Jul 07 08:07:06 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	311220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	480117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	467775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	255077	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	198171	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
35) Dibromofluoromethane	5.46	113	161536	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	8.70	98	582938	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	11.12	95	238937	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	139106	46.201	ug/l	99
3) Chloromethane	1.31	50	145578	39.945	ug/l	99
4) Vinyl Chloride	1.39	62	147654	43.667	ug/l	99
5) Bromomethane	1.62	94	84776	47.454	ug/l	99
6) Chloroethane	1.71	64	92706	46.421	ug/l	99
7) Trichlorofluoromethane	1.92	101	249119	49.814	ug/l	96
8) Diethyl Ether	2.17	74	85579	50.853	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	142835	47.654	ug/l	95
10) Methyl Iodide	2.49	142	151255	39.108	ug/l	99
11) Tert butyl alcohol	3.01	59	180832	247.061	ug/l	100
12) 1,1-Dichloroethene	2.36	96	142164	46.171	ug/l	98
13) Acrolein	2.27	56	55427	126.680	ug/l	99
14) Allyl chloride	2.71	41	253671	44.579	ug/l	97
15) Acrylonitrile	3.12	53	420538	239.005	ug/l	99
16) Acetone	2.42	43	349049	243.192	ug/l	98
17) Carbon Disulfide	2.55	76	396840	46.187	ug/l	100
18) Methyl Acetate	2.75	43	187426	50.023	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	518454	50.170	ug/l	100
20) Methylene Chloride	2.84	84	168850	51.315	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	164406	48.114	ug/l	98
22) Diisopropyl ether	3.82	45	504275	47.880	ug/l	99
23) Vinyl Acetate	3.79	43	2235474	247.008	ug/l	99
24) 1,1-Dichloroethane	3.67	63	285318	47.612	ug/l	100
25) 2-Butanone	4.64	43	571149	238.820	ug/l	99
26) 2,2-Dichloropropane	4.55	77	214275	40.270	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	181535	46.888	ug/l	98
28) Bromochloromethane	4.98	49	137333	47.094	ug/l	94
29) Tetrahydrofuran	5.09	42	370837	234.685	ug/l	99
30) Chloroform	5.18	83	300407	48.902	ug/l	96
31) Cyclohexane	5.55	56	237101	45.773	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	276109	48.804	ug/l	98
36) 1,1-Dichloropropene	5.77	75	215155	47.415	ug/l	98
37) Ethyl Acetate	4.79	43	222226	48.268	ug/l	99
38) Carbon Tetrachloride	5.75	117	254190	50.859	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	236497	46.843	ug/l	97
40) Benzene	6.12	78	638792	47.912	ug/l	99
41) Methacrylonitrile	5.01	41	128087	49.431	ug/l	98
42) 1,2-Dichloroethane	6.16	62	243119	50.484	ug/l	100
43) Isopropyl Acetate	6.42	43	369593	48.310	ug/l	99
44) Trichloroethene	7.19	130	187197	50.887	ug/l	99
45) 1,2-Dichloropropane	7.49	63	165511	48.334	ug/l	99
46) Dibromomethane	7.64	93	117356	50.198	ug/l	96
47) Bromodichloromethane	7.88	83	246074	51.075	ug/l	97
48) Methyl methacrylate	7.74	41	183506	50.487	ug/l	97
49) 1,4-Dioxane	7.71	88	82301	999.487	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1144031	250.860	ug/l	100
52) Toluene	8.77	92	413058	49.622	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	264077	49.678	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	276240	48.476	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	172622	50.757	ug/l	98
56) Ethyl methacrylate	9.16	69	253716	52.413	ug/l	99
57) 1,3-Dichloropropane	9.35	76	280728	48.782	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	641412	266.238	ug/l	99
59) 2-Hexanone	9.48	43	864422	259.536	ug/l	99
60) Dibromochloromethane	9.57	129	206695	52.327	ug/l	99
61) 1,2-Dibromoethane	9.65	107	185501	50.743	ug/l	99
64) Tetrachloroethene	9.32	164	180554	47.826	ug/l	96
65) Chlorobenzene	10.12	112	454655	47.092	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	185936	49.973	ug/l	99
67) Ethyl Benzene	10.23	91	789929	48.993	ug/l	100
68) m/p-Xylenes	10.34	106	613228	99.055	ug/l	97
69) o-Xylene	10.68	106	294131	49.943	ug/l	100
70) Styrene	10.70	104	518152	51.666	ug/l	99
71) Bromoform	10.84	173	163208	55.315	ug/l	100
73) Isopropylbenzene	11.00	105	799525	47.853	ug/l	100
74) N-amyl acetate	10.88	43	341242	47.866	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	243560	46.343	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	236159m	47.082	ug/l	
77) Bromobenzene	11.24	156	218510	47.586	ug/l	97
78) n-propylbenzene	11.34	91	902865	47.787	ug/l	99
79) 2-Chlorotoluene	11.40	91	550088	48.107	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	683512	49.320	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	86310	44.560	ug/l	97
82) 4-Chlorotoluene	11.49	91	653187	47.784	ug/l	98
83) tert-Butylbenzene	11.76	119	674686	49.593	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	701521	49.896	ug/l	100
85) sec-Butylbenzene	11.93	105	774874	48.455	ug/l	100
86) p-Isopropyltoluene	12.05	119	718560	48.268	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	391310	46.920	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	393536	50.037	ug/l	99
89) n-Butylbenzene	12.37	91	596382	44.866	ug/l	99
90) Hexachloroethane	12.58	117	136553	46.514	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	371315	47.631	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56558	45.111	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	247367	46.490	ug/l	98
94) Hexachlorobutadiene	13.77	225	90345	44.828	ug/l	98
95) Naphthalene	13.82	128	810695	50.116	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	252559	49.047	ug/l	99

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

