

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070120\
 Data File : VX017086.D
 Acq On : 01 Jul 2020 10:10
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 9:15:49 AM

Quant Time: Jul 02 01:52:08 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	267844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	394502	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	377362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	204387	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	153918	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
35) Dibromofluoromethane	5.46	113	126638	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	8.70	98	462789	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.12	95	187068	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	127590	49.239	ug/l	99
3) Chloromethane	1.31	50	138994	44.314	ug/l	99
4) Vinyl Chloride	1.39	62	131546	45.203	ug/l	97
5) Bromomethane	1.62	94	74330	48.345	ug/l	98
6) Chloroethane	1.71	64	79082	46.012	ug/l	98
7) Trichlorofluoromethane	1.92	101	215459	50.061	ug/l	99
8) Diethyl Ether	2.17	74	73899	51.023	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	116211	45.050	ug/l	98
10) Methyl Iodide	2.49	142	152463	45.805	ug/l	99
11) Tert butyl alcohol	3.01	59	142800	226.695	ug/l	100
12) 1,1-Dichloroethene	2.36	96	111317	42.007	ug/l	95
13) Acrolein	2.27	56	76916	204.263	ug/l	99
14) Allyl chloride	2.70	41	222033	45.338	ug/l	98
15) Acrylonitrile	3.11	53	347593	229.540	ug/l	99
16) Acetone	2.42	43	254155	205.754	ug/l	94
17) Carbon Disulfide	2.55	76	355983	48.141	ug/l	100
18) Methyl Acetate	2.75	43	148707	46.116	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	425939	47.892	ug/l	99
20) Methylene Chloride	2.83	84	140644	49.640	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	139796	47.537	ug/l	98
22) Diisopropyl ether	3.82	45	433271	47.801	ug/l	95
23) Vinyl Acetate	3.78	43	1906406	244.761	ug/l	100
24) 1,1-Dichloroethane	3.67	63	242279	46.977	ug/l	98
25) 2-Butanone	4.63	43	459399	223.201	ug/l	99
26) 2,2-Dichloropropane	4.55	77	219791	47.997	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	151551	45.483	ug/l	98
28) Bromochloromethane	4.98	49	110253	43.931	ug/l	98
29) Tetrahydrofuran	5.09	42	308062	226.530	ug/l	99
30) Chloroform	5.17	83	251584	47.586	ug/l	97
31) Cyclohexane	5.54	56	212729	47.719	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	231884	47.625	ug/l	99
36) 1,1-Dichloropropene	5.77	75	188159	50.465	ug/l	99
37) Ethyl Acetate	4.79	43	186825	49.385	ug/l	100
38) Carbon Tetrachloride	5.75	117	213623	52.018	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	220353	53.117	ug/l	98
40) Benzene	6.11	78	548959	50.110	ug/l	99
41) Methacrylonitrile	5.00	41	101717	47.773	ug/l	99
42) 1,2-Dichloroethane	6.16	62	202526	51.181	ug/l	100
43) Isopropyl Acetate	6.41	43	303092	48.215	ug/l	99
44) Trichloroethene	7.18	130	160286	53.040	ug/l	94
45) 1,2-Dichloropropane	7.49	63	142009	50.470	ug/l	98
46) Dibromomethane	7.63	93	97680	50.849	ug/l	96
47) Bromodichloromethane	7.87	83	205975	52.030	ug/l	94
48) Methyl methacrylate	7.74	41	151409	50.697	ug/l	97
49) 1,4-Dioxane	7.71	88	67654	999.916	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	947342	252.812	ug/l	100
52) Toluene	8.76	92	353825	51.731	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	225894	51.717	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	240549	51.374	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	143884	51.488	ug/l	99
56) Ethyl methacrylate	9.16	69	213001	53.551	ug/l	99
57) 1,3-Dichloropropane	9.35	76	238717	50.484	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	526722	266.080	ug/l	100
59) 2-Hexanone	9.47	43	721772	263.736	ug/l	99
60) Dibromochloromethane	9.57	129	171129	52.725	ug/l	100
61) 1,2-Dibromoethane	9.65	107	153119	50.975	ug/l	99
64) Tetrachloroethene	9.32	164	161577	53.053	ug/l	97
65) Chlorobenzene	10.12	112	390364	50.121	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	154587	51.502	ug/l	99
67) Ethyl Benzene	10.23	91	681184	52.371	ug/l	98
68) m/p-Xylenes	10.34	106	531110	106.345	ug/l	99
69) o-Xylene	10.68	106	248879	52.384	ug/l	98
70) Styrene	10.69	104	446013	55.128	ug/l	100
71) Bromoform	10.84	173	130678	54.901	ug/l #	97
73) Isopropylbenzene	11.00	105	688804	51.451	ug/l	100
74) N-amyl acetate	10.88	43	280563	49.115	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	195697	46.471	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	195850m	48.729	ug/l	
77) Bromobenzene	11.24	156	179960	48.910	ug/l	98
78) n-propylbenzene	11.34	91	779816	51.510	ug/l	100
79) 2-Chlorotoluene	11.40	91	468826	51.169	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	580349	52.262	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	76478	49.277	ug/l	95
82) 4-Chlorotoluene	11.49	91	564301	51.520	ug/l	100
83) tert-Butylbenzene	11.76	119	552967	50.727	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	585403	51.963	ug/l	99
85) sec-Butylbenzene	11.93	105	659447	51.464	ug/l	99
86) p-Isopropyltoluene	12.05	119	633551	53.112	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	322725	48.294	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	321050	50.948	ug/l	99
89) n-Butylbenzene	12.37	91	544066	51.081	ug/l	100
90) Hexachloroethane	12.58	117	116259	49.423	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	296974	47.543	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45597	45.389	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	209153	49.057	ug/l	98
94) Hexachlorobutadiene	13.76	225	86370	53.321	ug/l	95
95) Naphthalene	13.82	128	657471	50.724	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	207316	50.246	ug/l	99

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

