

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073120\
 Data File : VX017713.D
 Acq On : 31 Jul 2020 19:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:02:32 PM

Quant Time: Aug 01 04:23:59 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	534418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	801044	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	794200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	431218	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	359076	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
35) Dibromofluoromethane	5.47	113	288037	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	
50) Toluene-d8	8.70	98	1025736	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
62) 4-Bromofluorobenzene	11.12	95	422425	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	247664	49.950	ug/l	100
3) Chloromethane	1.31	50	289256	43.833	ug/l	97
4) Vinyl Chloride	1.39	62	288718	42.932	ug/l	99
5) Bromomethane	1.62	94	173630	47.908	ug/l	98
6) Chloroethane	1.70	64	177739	47.897	ug/l	99
7) Trichlorofluoromethane	1.91	101	487358	46.074	ug/l	99
8) Diethyl Ether	2.17	74	164634	47.952	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	255709	44.052	ug/l	97
10) Methyl Iodide	2.49	142	287932	38.773	ug/l	96
11) Tert butyl alcohol	3.03	59	332288	229.667	ug/l	99
12) 1,1-Dichloroethene	2.35	96	248027	44.933	ug/l	98
13) Acrolein	2.28	56	274807	248.798	ug/l	100
14) Allyl chloride	2.71	41	454501	45.093	ug/l	98
15) Acrylonitrile	3.12	53	765533	244.973	ug/l	100
16) Acetone	2.42	43	705303	233.431	ug/l	98
17) Carbon Disulfide	2.55	76	684910	40.822	ug/l	99
18) Methyl Acetate	2.75	43	359650	50.541	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	899216	47.065	ug/l	99
20) Methylene Chloride	2.84	84	289504	50.898	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	272257	46.040	ug/l	98
22) Diisopropyl ether	3.82	45	916149	49.711	ug/l #	87
23) Vinyl Acetate	3.79	43	4039691	245.838	ug/l	99
24) 1,1-Dichloroethane	3.67	63	512543	48.278	ug/l	99
25) 2-Butanone	4.64	43	1079743	251.554	ug/l	97
26) 2,2-Dichloropropane	4.56	77	421904	44.396	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	308929	48.098	ug/l	98
28) Bromochloromethane	4.98	49	223965	46.553	ug/l	99
29) Tetrahydrofuran	5.09	42	684724	257.536	ug/l	99
30) Chloroform	5.18	83	538719	49.662	ug/l	99
31) Cyclohexane	5.55	56	407489	48.132	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	499210	48.802	ug/l	99
36) 1,1-Dichloropropene	5.77	75	375571	48.885	ug/l	99
37) Ethyl Acetate	4.80	43	412488	49.070	ug/l	99
38) Carbon Tetrachloride	5.76	117	459516	49.253	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	403270	44.965	ug/l	98
40) Benzene	6.12	78	1078153	48.949	ug/l	99
41) Methacrylonitrile	5.01	41	236869	49.160	ug/l	99
42) 1,2-Dichloroethane	6.17	62	448905	49.818	ug/l	99
43) Isopropyl Acetate	6.42	43	658309	47.464	ug/l	99
44) Trichloroethene	7.19	130	318677	49.508	ug/l	98
45) 1,2-Dichloropropane	7.49	63	284968	46.670	ug/l	100
46) Dibromomethane	7.64	93	204285	47.341	ug/l	99
47) Bromodichloromethane	7.88	83	431701	49.720	ug/l	100
48) Methyl methacrylate	7.75	41	333792	48.551	ug/l	98
49) 1,4-Dioxane	7.72	88	132253	1003.358	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	2182978	263.790	ug/l	100
52) Toluene	8.77	92	700614	49.598	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	469695	48.325	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	498765	50.310	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	300774	51.114	ug/l	97
56) Ethyl methacrylate	9.16	69	449415	50.693	ug/l	99
57) 1,3-Dichloropropane	9.35	76	487418	50.304	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1162413	248.875	ug/l	99
59) 2-Hexanone	9.48	43	1602422	257.191	ug/l	99
60) Dibromochloromethane	9.57	129	380726	50.905	ug/l	100
61) 1,2-Dibromoethane	9.65	107	327009	52.197	ug/l	98
64) Tetrachloroethene	9.32	164	325739	45.697	ug/l	97
65) Chlorobenzene	10.12	112	793682	46.169	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	326346	47.038	ug/l	99
67) Ethyl Benzene	10.24	91	1385423	48.280	ug/l	98
68) m/p-Xylenes	10.34	106	1057991	95.172	ug/l	98
69) o-Xylene	10.68	106	513591	48.036	ug/l	99
70) Styrene	10.69	104	899893	49.469	ug/l	98
71) Bromoform	10.84	173	281638	46.855	ug/l #	99
73) Isopropylbenzene	11.01	105	1400709	47.350	ug/l	100
74) N-amyl acetate	10.88	43	597300	45.444	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	430304	46.602	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	403020m	45.435	ug/l	
77) Bromobenzene	11.24	156	375707	45.366	ug/l	98
78) n-propylbenzene	11.35	91	1599624	47.944	ug/l	99
79) 2-Chlorotoluene	11.40	91	964197	46.652	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1191060	47.156	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	151151	42.937	ug/l	96
82) 4-Chlorotoluene	11.49	91	1143562	46.906	ug/l	99
83) tert-Butylbenzene	11.76	119	1159448	47.974	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1208646	48.111	ug/l	99
85) sec-Butylbenzene	11.93	105	1360902	48.338	ug/l	99
86) p-Isopropyltoluene	12.05	119	1267147	47.262	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	662233	46.565	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	670354	45.507	ug/l	98
89) n-Butylbenzene	12.37	91	1091034	45.668	ug/l	100
90) Hexachloroethane	12.58	117	242329	45.845	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	631110	45.152	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	110437	42.689	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	456576	47.862	ug/l	99
94) Hexachlorobutadiene	13.77	225	195009	44.409	ug/l	99
95) Naphthalene	13.82	128	1422901	49.967	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	446328	47.385	ug/l	99

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

