

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030920\
 Data File : VX015154.D
 Acq On : 09 Mar 2020 19:30
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 4:45:09 PM

Quant Time: Mar 10 11:49:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	353344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	550767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	511725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	278252	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	203639	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	5.49	113	168364	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	8.71	98	638458	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.13	95	233222	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	143958	46.526	ug/l	99
3) Chloromethane	1.32	50	205166	46.810	ug/l	99
4) Vinyl Chloride	1.40	62	211357	47.557	ug/l	100
5) Bromomethane	1.63	94	123752	45.292	ug/l	95
6) Chloroethane	1.72	64	122756	46.046	ug/l	99
7) Trichlorofluoromethane	1.92	101	236710	44.762	ug/l	99
8) Diethyl Ether	2.18	74	111165	46.412	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	140775	42.312	ug/l	99
10) Methyl Iodide	2.50	142	175908	46.798	ug/l	99
11) Tert butyl alcohol	3.03	59	198520	272.953	ug/l	100
12) 1,1-Dichloroethene	2.37	96	150824	43.924	ug/l	95
13) Acrolein	2.28	56	168475	246.491	ug/l	99
14) Allyl chloride	2.72	41	297287	49.654	ug/l	100
15) Acrylonitrile	3.13	53	486002	268.319	ug/l	99
16) Acetone	2.43	43	373305	219.892	ug/l	98
17) Carbon Disulfide	2.56	76	446811	46.856	ug/l	100
18) Methyl Acetate	2.76	43	209223	50.402	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	554826	51.708	ug/l	100
20) Methylene Chloride	2.85	84	189999	47.822	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	179109	48.851	ug/l	98
22) Diisopropyl ether	3.84	45	613195	51.406	ug/l	100
23) Vinyl Acetate	3.80	43	2640027	269.244	ug/l	99
24) 1,1-Dichloroethane	3.69	63	330597	49.936	ug/l	99
25) 2-Butanone	4.66	43	654261	263.243	ug/l	98
26) 2,2-Dichloropropane	4.58	77	232266	44.194	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	201956	49.099	ug/l	99
28) Bromochloromethane	5.01	49	154221	51.157	ug/l	100
29) Tetrahydrofuran	5.11	42	432975	270.253	ug/l	98
30) Chloroform	5.20	83	322930	50.046	ug/l	99
31) Cyclohexane	5.58	56	281543	47.677	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	273882	51.204	ug/l	98
36) 1,1-Dichloropropene	5.79	75	240067	47.150	ug/l	99
37) Ethyl Acetate	4.82	43	262369	55.551	ug/l	99
38) Carbon Tetrachloride	5.78	117	233153	48.512	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	274562	46.181	ug/l	99
40) Benzene	6.14	78	741257	49.070	ug/l	99
41) Methacrylonitrile	5.03	41	145667	51.347	ug/l	99
42) 1,2-Dichloroethane	6.18	62	258960	49.919	ug/l	100
43) Isopropyl Acetate	6.43	43	433747	52.204	ug/l	99
44) Trichloroethene	7.20	130	207778	49.389	ug/l	95
45) 1,2-Dichloropropane	7.51	63	193624	49.519	ug/l	99
46) Dibromomethane	7.65	93	126888	49.804	ug/l	98
47) Bromodichloromethane	7.89	83	252121	50.042	ug/l	96
48) Methyl methacrylate	7.76	41	215091	50.863	ug/l	100
49) 1,4-Dioxane	7.73	88	93698	1024.785	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1341248	273.024	ug/l	100
52) Toluene	8.78	92	467309	50.594	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	276346	51.532	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	305091	50.325	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	191887	50.474	ug/l	99
56) Ethyl methacrylate	9.17	69	295818	54.553	ug/l	99
57) 1,3-Dichloropropane	9.37	76	321861	50.323	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	773919	261.982	ug/l	100
59) 2-Hexanone	9.48	43	1001247	274.983	ug/l	99
60) Dibromochloromethane	9.57	129	205660	51.499	ug/l	100
61) 1,2-Dibromoethane	9.67	107	198816	49.790	ug/l	99
64) Tetrachloroethene	9.33	164	198705	46.964	ug/l	98
65) Chlorobenzene	10.14	112	505451	49.199	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	189483	48.913	ug/l	99
67) Ethyl Benzene	10.25	91	896349	51.380	ug/l	100
68) m/p-Xylenes	10.35	106	682583	102.838	ug/l	99
69) o-Xylene	10.70	106	327043	51.463	ug/l	99
70) Styrene	10.71	104	570375	52.346	ug/l	100
71) Bromoform	10.85	173	154047	51.279	ug/l #	100
73) Isopropylbenzene	11.01	105	878022	49.397	ug/l	99
74) N-amyl acetate	10.89	43	379970	50.724	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	283344	47.832	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	231892m	41.780	ug/l	
77) Bromobenzene	11.25	156	232135	46.861	ug/l	99
78) n-propylbenzene	11.35	91	1012578	49.863	ug/l	100
79) 2-Chlorotoluene	11.42	91	588897	48.559	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	720199	48.672	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	93919	48.023	ug/l	98
82) 4-Chlorotoluene	11.51	91	688995	48.088	ug/l	100
83) tert-Butylbenzene	11.76	119	715207	49.988	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	726785	48.892	ug/l	99
85) sec-Butylbenzene	11.94	105	852844	49.378	ug/l	99
86) p-Isopropyltoluene	12.06	119	785192	49.344	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	410931	47.188	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	420916	46.817	ug/l	98
89) n-Butylbenzene	12.39	91	688596	48.654	ug/l	100
90) Hexachloroethane	12.59	117	140050	46.554	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	401433	46.366	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	60360	50.885	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	289705	48.206	ug/l	98
94) Hexachlorobutadiene	13.78	225	136487	44.258	ug/l	99
95) Naphthalene	13.83	128	858749	46.721	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	291635	48.637	ug/l	99

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

