

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021820\
 Data File : VX014947.D
 Acq On : 18 Feb 2020 09:54
 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
 2/19/2020 12:14:40 PM

Quant Time: Feb 19 00:20:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	463223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	674339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	621130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	329599	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	239827	45.88	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	91.76%	
35) Dibromofluoromethane	5.48	113	199440	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
50) Toluene-d8	8.71	98	753855	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
62) 4-Bromofluorobenzene	11.13	95	271987	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	218150	49.729	ug/l	99
3) Chloromethane	1.32	50	234427	47.135	ug/l	100
4) Vinyl Chloride	1.41	62	250793	46.810	ug/l	98
5) Bromomethane	1.63	94	160592	46.307	ug/l	96
6) Chloroethane	1.72	64	158268	46.167	ug/l	100
7) Trichlorofluoromethane	1.92	101	354966	47.420	ug/l	98
8) Diethyl Ether	2.18	74	146933	47.334	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	207813	47.827	ug/l	98
10) Methyl Iodide	2.50	142	242721	50.098	ug/l	98
11) Tert butyl alcohol	3.02	59	225463	244.260	ug/l	99
12) 1,1-Dichloroethene	2.37	96	203349	47.893	ug/l	96
13) Acrolein	2.28	56	166697	236.950	ug/l	97
14) Allyl chloride	2.72	41	351329	46.671	ug/l	99
15) Acrylonitrile	3.13	53	557969	238.449	ug/l	99
16) Acetone	2.43	43	782559	279.975	ug/l	99
17) Carbon Disulfide	2.56	76	526957	44.420	ug/l	100
18) Methyl Acetate	2.76	43	257081	48.827	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	667072	48.275	ug/l	98
20) Methylene Chloride	2.85	84	225588	44.857	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	211817	45.212	ug/l	97
22) Diisopropyl ether	3.84	45	704435	48.996	ug/l	99
23) Vinyl Acetate	3.80	43	3019184	254.738	ug/l	99
24) 1,1-Dichloroethane	3.69	63	388512	47.879	ug/l	99
25) 2-Butanone	4.65	43	922147	259.095	ug/l	99
26) 2,2-Dichloropropane	4.57	77	334387	47.818	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	244305	46.649	ug/l	99
28) Bromochloromethane	5.00	49	154704	49.187	ug/l	100
29) Tetrahydrofuran	5.11	42	495859	245.083	ug/l	100
30) Chloroform	5.19	83	385737	47.913	ug/l	98
31) Cyclohexane	5.57	56	351681	47.585	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	335441	47.632	ug/l	98
36) 1,1-Dichloropropene	5.79	75	293534	48.661	ug/l	100
37) Ethyl Acetate	4.81	43	306674	48.744	ug/l	100
38) Carbon Tetrachloride	5.77	117	293043	49.850	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	370133	49.063	ug/l	100
40) Benzene	6.13	78	881897	48.932	ug/l	99
41) Methacrylonitrile	5.02	41	173637	51.231	ug/l	99
42) 1,2-Dichloroethane	6.18	62	312571	47.984	ug/l	98
43) Isopropyl Acetate	6.43	43	515250	49.646	ug/l	100
44) Trichloroethene	7.20	130	247912	47.383	ug/l	97
45) 1,2-Dichloropropane	7.50	63	227450	49.484	ug/l	100
46) Dibromomethane	7.65	93	150161	47.793	ug/l	98
47) Bromodichloromethane	7.89	83	307045	49.287	ug/l	98
48) Methyl methacrylate	7.76	41	258368	50.585	ug/l	99
49) 1,4-Dioxane	7.73	88	99985	1046.998	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1574273	251.208	ug/l	100
52) Toluene	8.78	92	560606	48.973	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	342128	50.111	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	375738	49.817	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	225948	48.787	ug/l	99
56) Ethyl methacrylate	9.17	69	355768	51.107	ug/l	99
57) 1,3-Dichloropropane	9.36	76	378388	48.536	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	912863	250.745	ug/l	99
59) 2-Hexanone	9.48	43	1296820	263.271	ug/l	100
60) Dibromochloromethane	9.57	129	251536	50.468	ug/l	98
61) 1,2-Dibromoethane	9.67	107	241115	48.251	ug/l	99
64) Tetrachloroethene	9.33	164	262996	45.287	ug/l	97
65) Chlorobenzene	10.13	112	616063	48.901	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	231502	50.616	ug/l	100
67) Ethyl Benzene	10.25	91	1075338	50.189	ug/l	99
68) m/p-Xylenes	10.36	106	823884	99.818	ug/l	100
69) o-Xylene	10.69	106	397450	50.093	ug/l	100
70) Styrene	10.71	104	688181	51.270	ug/l	99
71) Bromoform	10.85	173	196745	51.536	ug/l #	99
73) Isopropylbenzene	11.01	105	1069568	51.746	ug/l	100
74) N-amyl acetate	10.89	43	456473	53.151	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	333926	49.422	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	286958m	48.146	ug/l	
77) Bromobenzene	11.25	156	283659	49.169	ug/l	98
78) n-propylbenzene	11.35	91	1235416	51.677	ug/l	100
79) 2-Chlorotoluene	11.42	91	712830	50.720	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	900166	52.121	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	118428	50.861	ug/l	98
82) 4-Chlorotoluene	11.51	91	833196	50.061	ug/l	99
83) tert-Butylbenzene	11.76	119	867990	53.073	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	912721	52.441	ug/l	99
85) sec-Butylbenzene	11.94	105	1048717	51.618	ug/l	100
86) p-Isopropyltoluene	12.06	119	992407	52.198	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	502660	48.568	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	508852	48.146	ug/l	99
89) n-Butylbenzene	12.38	91	859161	50.457	ug/l	100
90) Hexachloroethane	12.59	117	177317	53.405	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	506519	49.906	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	74899	47.250	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	360570	48.131	ug/l	99
94) Hexachlorobutadiene	13.78	225	179760	49.610	ug/l	96
95) Naphthalene	13.83	128	1045985	52.513	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	362180	50.040	ug/l	99

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

