

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011320\
 Data File : VX014578.D
 Acq On : 13 Jan 2020 11:47
 Operator : JC/SP
 Sample : VX0113WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/14/2020 3:08:54 PM

Quant Time: Jan 14 13:23:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	467263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	696856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	633509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	316754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	249103	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
35) Dibromofluoromethane	5.48	113	205625	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
50) Toluene-d8	8.71	98	802487	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.13	95	281062	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	115204	20.011	ug/l	99
3) Chloromethane	1.32	50	121602	20.416	ug/l	100
4) Vinyl Chloride	1.40	62	138739	20.904	ug/l	99
5) Bromomethane	1.64	94	79661	18.107	ug/l	94
6) Chloroethane	1.72	64	75855	20.206	ug/l	98
7) Trichlorofluoromethane	1.92	101	148113	19.673	ug/l	98
8) Diethyl Ether	2.18	74	64458	18.766	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	89835	19.613	ug/l	98
10) Methyl Iodide	2.50	142	98939	18.039	ug/l	99
11) Tert butyl alcohol	3.02	59	107324	98.540	ug/l	100
12) 1,1-Dichloroethene	2.37	96	87639	18.990	ug/l	97
13) Acrolein	2.28	56	59965	68.690	ug/l	98
14) Allyl chloride	2.72	41	157803	19.476	ug/l	98
15) Acrylonitrile	3.12	53	259461	98.704	ug/l	99
16) Acetone	2.43	43	272428	101.683	ug/l	100
17) Carbon Disulfide	2.56	76	233995	18.172	ug/l	97
18) Methyl Acetate	2.76	43	155688	20.766	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	295248	19.930	ug/l	99
20) Methylene Chloride	2.85	84	109358	20.840	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	94243	18.706	ug/l	98
22) Diisopropyl ether	3.84	45	321573	20.537	ug/l	97
23) Vinyl Acetate	3.80	43	1240617	102.338	ug/l	99
24) 1,1-Dichloroethane	3.69	63	172729	20.278	ug/l	99
25) 2-Butanone	4.65	43	381675	97.956	ug/l	99
26) 2,2-Dichloropropane	4.57	77	137402	19.042	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	108527	19.269	ug/l	98
28) Bromochloromethane	5.00	49	74592	20.782	ug/l	96
29) Tetrahydrofuran	5.11	42	228560	99.214	ug/l	99
30) Chloroform	5.20	83	165940	19.936	ug/l	98
31) Cyclohexane	5.56	56	160723	20.159	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	141463	19.855	ug/l	99
36) 1,1-Dichloropropene	5.78	75	127798	19.501	ug/l	99
37) Ethyl Acetate	4.81	43	137900	19.373	ug/l	99
38) Carbon Tetrachloride	5.77	117	120107	19.916	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	164118	19.934	ug/l	98
40) Benzene	6.13	78	389258	20.013	ug/l	99
41) Methacrylonitrile	5.02	41	75494	19.888	ug/l	98
42) 1,2-Dichloroethane	6.18	62	133474	19.627	ug/l	99
43) Isopropyl Acetate	6.43	43	230059	20.007	ug/l	99
44) Trichloroethene	7.20	130	108175	19.353	ug/l	100
45) 1,2-Dichloropropane	7.50	63	102146	20.599	ug/l	96
46) Dibromomethane	7.65	93	64744	18.707	ug/l	99
47) Bromodichloromethane	7.89	83	127183	20.195	ug/l	97
48) Methyl methacrylate	7.76	41	111882	20.315	ug/l	99
49) 1,4-Dioxane	7.73	88	47230	404.726	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	719219	102.641	ug/l	98
52) Toluene	8.78	92	245006	19.678	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	140490	19.161	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	158256	19.981	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	99719	19.940	ug/l	95
56) Ethyl methacrylate	9.17	69	153041	19.975	ug/l	98
57) 1,3-Dichloropropane	9.36	76	168450	20.145	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	260764	100.032	ug/l	99
59) 2-Hexanone	9.48	43	555141	100.127	ug/l	99
60) Dibromochloromethane	9.57	129	99847	19.864	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104222	19.674	ug/l	98
64) Tetrachloroethene	9.33	164	115714	18.225	ug/l	98
65) Chlorobenzene	10.13	112	265192	19.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96112	19.589	ug/l	98
67) Ethyl Benzene	10.25	91	467064	19.932	ug/l	100
68) m/p-Xylenes	10.36	106	354125	39.172	ug/l	99
69) o-Xylene	10.69	106	170176	19.729	ug/l	99
70) Styrene	10.71	104	289484	19.447	ug/l	100
71) Bromoform	10.85	173	74993	18.682	ug/l #	100
73) Isopropylbenzene	11.01	105	456143	20.507	ug/l	99
74) N-amyl acetate	10.89	43	192173	19.583	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	145208	20.357	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	126222m	19.260	ug/l	
77) Bromobenzene	11.25	156	117977	19.126	ug/l	100
78) n-propylbenzene	11.35	91	518664	20.361	ug/l	99
79) 2-Chlorotoluene	11.42	91	302100	19.898	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	380954	20.629	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47168	19.028	ug/l	94
82) 4-Chlorotoluene	11.50	91	352259	19.767	ug/l	98
83) tert-Butylbenzene	11.76	119	355981	20.402	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	380064	20.368	ug/l	100
85) sec-Butylbenzene	11.94	105	440093	20.289	ug/l	99
86) p-Isopropyltoluene	12.06	119	405379	20.139	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	209104	18.889	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	208304	19.673	ug/l	98
89) n-Butylbenzene	12.38	91	350701	19.056	ug/l	99
90) Hexachloroethane	12.59	117	69053	19.530	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	208945	19.265	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30310	18.890	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	144904	18.966	ug/l	99
94) Hexachlorobutadiene	13.78	225	70451	19.798	ug/l	98
95) Naphthalene	13.83	128	414355	17.537	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	144373	19.159	ug/l	98

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

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