

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040920\
 Data File : VX015607.D
 Acq On : 09 Apr 2020 19:23
 Operator : JC/SP
 Sample : L2178-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMS

Manual Integrations
 APPROVED

sam
 4/10/2020 2:13:19 PM

Quant Time: Apr 10 09:14:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1172899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1803405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1692892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	896977	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	783624	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
35) Dibromofluoromethane	5.47	113	570005	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	8.70	98	2123135	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.12	95	866509	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	455434	44.074	ug/l	99
3) Chloromethane	1.31	50	579533	44.039	ug/l	98
4) Vinyl Chloride	1.39	62	556203	46.030	ug/l	98
5) Bromomethane	1.63	94	330452	61.127	ug/l	100
6) Chloroethane	1.71	64	358606	47.851	ug/l	99
7) Trichlorofluoromethane	1.92	101	784332	48.401	ug/l	99
8) Diethyl Ether	2.17	74	324536	47.481	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	495572	46.911	ug/l	98
10) Methyl Iodide	2.49	142	762220	53.516	ug/l	99
11) Tert butyl alcohol	3.01	59	737263	186.200	ug/l	98
12) 1,1-Dichloroethene	2.36	96	510263	46.080	ug/l	95
13) Acrolein	2.27	56	273544	121.277	ug/l	100
14) Allyl chloride	2.71	41	1126065	43.521	ug/l	97
15) Acrylonitrile	3.12	53	1723023	228.182	ug/l	100
16) Acetone	2.42	43	1583163	222.760	ug/l	98
17) Carbon Disulfide	2.55	76	1407987	41.681	ug/l	100
18) Methyl Acetate	2.75	43	834812	46.023	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1979840	46.100	ug/l	99
20) Methylene Chloride	2.84	84	604917	45.569	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	556279	45.265	ug/l	94
22) Diisopropyl ether	3.83	45	2101846	45.843	ug/l	100
23) Vinyl Acetate	3.79	43	9208924	221.841	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1088786	45.103	ug/l	99
25) 2-Butanone	4.64	43	2491485	217.986	ug/l	99
26) 2,2-Dichloropropane	4.56	77	861809	43.494	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	670710	47.173	ug/l	99
28) Bromochloromethane	4.98	49	554600	48.119	ug/l	97
29) Tetrahydrofuran	5.09	42	1620786	220.582	ug/l	99
30) Chloroform	5.18	83	1088937	46.887	ug/l	99
31) Cyclohexane	5.56	56	943233	45.042	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	985443	46.885	ug/l	100
36) 1,1-Dichloropropene	5.78	75	794059	47.788	ug/l	99
37) Ethyl Acetate	4.79	43	978260	45.215	ug/l	100
38) Carbon Tetrachloride	5.76	117	860968	47.839	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	901106	47.034	ug/l	97
40) Benzene	6.12	78	2337713	48.028	ug/l	97
41) Methacrylonitrile	5.01	41	586702	48.850	ug/l	99
42) 1,2-Dichloroethane	6.17	62	942493	48.206	ug/l	100
43) Isopropyl Acetate	6.42	43	1686103	46.165	ug/l	99
44) Trichloroethene	7.19	130	656115	49.426	ug/l	97
45) 1,2-Dichloropropane	7.50	63	626943	47.085	ug/l	97
46) Dibromomethane	7.64	93	422485	48.370	ug/l	97
47) Bromodichloromethane	7.88	83	893159	47.990	ug/l	97
48) Methyl methacrylate	7.75	41	848270	46.498	ug/l	99
49) 1,4-Dioxane	7.72	88	271728	798.443	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4907123	237.076	ug/l	99
52) Toluene	8.77	92	1476993	49.219	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	1009281	46.238	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	1051911	47.308	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	601986	48.963	ug/l	98
56) Ethyl methacrylate	9.16	69	1039008	47.952	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1057174	47.725	ug/l	99
59) 2-Hexanone	9.48	43	3723268	238.260	ug/l	99
60) Dibromochloromethane	9.57	129	714946	48.393	ug/l	100
61) 1,2-Dibromoethane	9.65	107	644378	48.201	ug/l	98
64) Tetrachloroethene	9.32	164	591253	46.279	ug/l	96
65) Chlorobenzene	10.12	112	1631283	48.318	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	624929	46.333	ug/l	97
67) Ethyl Benzene	10.24	91	2861606	47.790	ug/l	100
68) m/p-Xylenes	10.34	106	2114334	94.826	ug/l	100
69) o-Xylene	10.68	106	1040293	47.215	ug/l	97
70) Stvrene	10.70	104	1863071	48.053	ug/l	98
71) Bromoform	10.84	173	578046	47.078	ug/l #	100
73) Isopropylbenzene	11.01	105	2809606	47.805	ug/l	100
74) N-amyl acetate	10.88	43	1469615	44.959	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	932148	46.222	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	861137m	46.685	ug/l	
77) Bromobenzene	11.24	156	741192	47.280	ug/l	97
78) n-propylbenzene	11.35	91	3243826	48.269	ug/l	99
79) 2-Chlorotoluene	11.41	91	1913291	46.449	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2378983	47.397	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	332659	43.273	ug/l	99
82) 4-Chlorotoluene	11.49	91	2261017	46.823	ug/l	98
83) tert-Butylbenzene	11.76	119	2360855	48.153	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2440247	47.709	ug/l	99
85) sec-Butylbenzene	11.93	105	2703846	47.685	ug/l	99
86) p-Isopropyltoluene	12.05	119	2562216	48.675	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1395305	49.718	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1353108	47.334	ug/l	99
89) n-Butylbenzene	12.37	91	2329583	48.973	ug/l	100
90) Hexachloroethane	12.58	117	442754	43.214	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	1324540	48.227	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	233815	41.078	ug/l	93
93) 1,2,4-Trichlorobenzene	13.63	180	1028213	47.330	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	470021	45.442	ug/l	98
95) Naphthalene	13.82	128	3066997	46.282	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1038904	49.670	ug/l	98

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

