

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040920\
 Data File : VX015608.D
 Acq On : 09 Apr 2020 19:46
 Operator : JC/SP
 Sample : L2178-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMSD

Manual Integrations
 APPROVED

sam
 4/10/2020 2:13:01 PM

Quant Time: Apr 10 09:16:03 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	1196413	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.84	114	1830108	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1704450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	907727	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	793863	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	5.47	113	569903	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	8.70	98	2129138	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.12	95	869551	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	443836	42.107	ug/l	98
3) Chloromethane	1.31	50	566790	42.224	ug/l	99
4) Vinyl Chloride	1.39	62	554581	44.994	ug/l	99
5) Bromomethane	1.63	94	337211	61.155	ug/l	98
6) Chloroethane	1.72	64	356721	46.664	ug/l	99
7) Trichlorofluoromethane	1.92	101	772218	46.717	ug/l	98
8) Diethyl Ether	2.17	74	332975	47.758	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	480785	44.617	ug/l	99
10) Methyl Iodide	2.50	142	762490	52.483	ug/l	100
11) Tert butyl alcohol	3.01	59	749720	185.624	ug/l	99
12) 1,1-Dichloroethene	2.36	96	504649	44.677	ug/l	92
13) Acrolein	2.28	56	281117	122.185	ug/l	99
14) Allyl chloride	2.71	41	1142304	43.281	ug/l	98
15) Acrylonitrile	3.12	53	1750537	227.269	ug/l	99
16) Acetone	2.42	43	1604136	221.275	ug/l	99
17) Carbon Disulfide	2.55	76	1401143	40.663	ug/l	100
18) Methyl Acetate	2.75	43	834561	45.105	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	2006902	45.811	ug/l	100
20) Methylene Chloride	2.84	84	602028	44.460	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	558325	44.539	ug/l	98
22) Diisopropyl ether	3.83	45	2133815	45.626	ug/l	89
23) Vinyl Acetate	3.79	43	9233385	218.059	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1085806	44.096	ug/l	99
25) 2-Butanone	4.64	43	2538314	217.718	ug/l	99
26) 2,2-Dichloropropane	4.56	77	853620	42.234	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	674970	46.539	ug/l	99
28) Bromochloromethane	4.98	49	572254	48.675	ug/l	96
29) Tetrahydrofuran	5.09	42	1643698	219.303	ug/l	99
30) Chloroform	5.18	83	1099123	46.395	ug/l	97
31) Cyclohexane	5.56	56	923411	43.229	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	975115	45.482	ug/l	99
36) 1,1-Dichloropropene	5.78	75	793519	47.058	ug/l	99
37) Ethyl Acetate	4.80	43	975465	44.428	ug/l	99
38) Carbon Tetrachloride	5.76	117	856179	46.879	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	869281	44.711	ug/l	98
40) Benzene	6.12	78	2359361	47.766	ug/l	98
41) Methacrylonitrile	5.01	41	582527	47.794	ug/l	99
42) 1,2-Dichloroethane	6.17	62	969201	48.849	ug/l	100
43) Isopropyl Acetate	6.42	43	1710517	46.150	ug/l	99
44) Trichloroethene	7.19	130	659177	48.932	ug/l	98
45) 1,2-Dichloropropane	7.50	63	638864	47.280	ug/l	100
46) Dibromomethane	7.64	93	424262	47.864	ug/l	97
47) Bromodichloromethane	7.88	83	912030	48.288	ug/l	97
48) Methyl methacrylate	7.75	41	859144	46.407	ug/l	98
49) 1,4-Dioxane	7.72	88	270344	782.785	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4980230	237.097	ug/l	100
52) Toluene	8.77	92	1480345	48.611	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	1020781	46.083	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1077449	47.750	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	608703	48.787	ug/l	97
56) Ethyl methacrylate	9.16	69	1045956	47.568	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1064427	47.352	ug/l	100
59) 2-Hexanone	9.48	43	3775228	238.060	ug/l	99
60) Dibromochloromethane	9.57	129	724054	48.294	ug/l	100
61) 1,2-Dibromoethane	9.65	107	663661	48.919	ug/l	99
64) Tetrachloroethene	9.32	164	592268	46.044	ug/l	89
65) Chlorobenzene	10.12	112	1610525	47.380	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	645813	47.556	ug/l	99
67) Ethyl Benzene	10.24	91	2891381	47.960	ug/l	99
68) m/p-Xylenes	10.34	106	2150357	95.788	ug/l	98
69) o-Xylene	10.68	106	1051605	47.405	ug/l	99
70) Styrene	10.70	104	1863492	47.738	ug/l	99
71) Bromoform	10.84	173	569489	46.066	ug/l #	99
73) Isopropylbenzene	11.01	105	2790616	46.920	ug/l	99
74) N-amyl acetate	10.89	43	1464495	44.272	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	947203	46.412	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	854751m	45.790	ug/l	
77) Bromobenzene	11.24	156	765296	48.239	ug/l	96
78) n-propylbenzene	11.35	91	3191135	46.922	ug/l	100
79) 2-Chlorotoluene	11.41	91	1927292	46.235	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	2383361	46.922	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	344181	44.242	ug/l	99
82) 4-Chlorotoluene	11.50	91	2276675	46.589	ug/l	99
83) tert-Butylbenzene	11.76	119	2370660	47.781	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2425825	46.865	ug/l	99
85) sec-Butylbenzene	11.93	105	2704732	47.136	ug/l	99
86) p-Isopropyltoluene	12.05	119	2571751	48.277	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1372206	48.316	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1380983	47.737	ug/l	98
89) n-Butylbenzene	12.37	91	2280597	47.375	ug/l	100
90) Hexachloroethane	12.58	117	433723	41.831	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	1314183	47.283	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	234929	40.785	ug/l	95
93) 1,2,4-Trichlorobenzene	13.63	180	1051301	47.819	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	436670	41.718	ug/l	95
95) Naphthalene	13.82	128	3152249	47.006	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1047632	49.494	ug/l	99

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

