

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030920\
 Data File : VX015152.D
 Acq On : 09 Mar 2020 18:45
 Operator : JC/SP
 Sample : L1842-15MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 4:45:02 PM

Quant Time: Mar 10 11:47:14 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	326591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	508442	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	473155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	257956	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	190096	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	5.49	113	155440	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	8.71	98	603720	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.13	95	216554	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	148787	52.026	ug/l	99
3) Chloromethane	1.31	50	199174	49.166	ug/l	98
4) Vinyl Chloride	1.40	62	207589	50.536	ug/l	98
5) Bromomethane	1.64	94	115634	45.788	ug/l	100
6) Chloroethane	1.72	64	123985	50.316	ug/l	98
7) Trichlorofluoromethane	1.92	101	245913	50.312	ug/l	99
8) Diethyl Ether	2.18	74	111574	50.398	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	155166	50.458	ug/l	98
10) Methyl Iodide	2.50	142	160185	46.106	ug/l	98
11) Tert butyl alcohol	3.03	59	177596	264.186	ug/l	99
12) 1,1-Dichloroethene	2.37	96	147677	46.531	ug/l	100
13) Acrolein	2.28	56	162793	257.688	ug/l	100
14) Allyl chloride	2.72	41	281726	50.909	ug/l	99
15) Acrylonitrile	3.13	53	457995	273.570	ug/l	100
16) Acetone	2.44	43	360888	229.992	ug/l	95
17) Carbon Disulfide	2.56	76	428189	48.582	ug/l	100
18) Methyl Acetate	2.76	43	188333	49.086	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	523536	52.789	ug/l	99
20) Methylene Chloride	2.85	84	179974	49.010	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	175134	51.680	ug/l	98
22) Diisopropyl ether	3.84	45	590333	53.544	ug/l	98
23) Vinyl Acetate	3.81	43	2345279	258.777	ug/l	100
24) 1,1-Dichloroethane	3.69	63	316195	51.673	ug/l	100
25) 2-Butanone	4.66	43	620107	269.939	ug/l	99
26) 2,2-Dichloropropane	4.58	77	212934	43.834	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	196406	51.661	ug/l	99
28) Bromochloromethane	5.01	49	149110	53.513	ug/l	97
29) Tetrahydrofuran	5.12	42	410723	277.364	ug/l	98
30) Chloroform	5.20	83	315913	52.969	ug/l	100
31) Cyclohexane	5.58	56	278760	51.073	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	260774	52.747	ug/l	99
36) 1,1-Dichloropropene	5.79	75	232757	49.519	ug/l	99
37) Ethyl Acetate	4.82	43	233174	53.479	ug/l	99
38) Carbon Tetrachloride	5.78	117	226450	51.040	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	279189	50.868	ug/l	98
40) Benzene	6.14	78	710080	50.919	ug/l	98
41) Methacrylonitrile	5.03	41	138150	52.751	ug/l	99
42) 1,2-Dichloroethane	6.19	62	249842	52.170	ug/l	100
43) Isopropyl Acetate	6.44	43	389320	50.757	ug/l	99
44) Trichloroethene	7.21	130	217203	55.927	ug/l	100
45) 1,2-Dichloropropane	7.51	63	185594	51.417	ug/l	95
46) Dibromomethane	7.65	93	120894	51.401	ug/l	100
47) Bromodichloromethane	7.89	83	242453	52.129	ug/l	95
48) Methyl methacrylate	7.76	41	205221	52.569	ug/l	99
49) 1,4-Dioxane	7.73	88	87847	1040.773	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1260993	278.055	ug/l	100
52) Toluene	8.78	92	451068	52.901	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	260252	52.571	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	284074	50.759	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	183551	52.301	ug/l	100
56) Ethyl methacrylate	9.17	69	275396	55.015	ug/l	100
57) 1,3-Dichloropropane	9.37	76	311747	52.800	ug/l	100
59) 2-Hexanone	9.48	43	951588	283.100	ug/l	100
60) Dibromochloromethane	9.57	129	197745	53.639	ug/l	100
61) 1,2-Dibromoethane	9.67	107	191339	51.907	ug/l	99
64) Tetrachloroethene	9.33	164	193366	49.428	ug/l	98
65) Chlorobenzene	10.14	112	487073	51.275	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	182395	50.921	ug/l	99
67) Ethyl Benzene	10.25	91	856932	53.124	ug/l	99
68) m/p-Xylenes	10.36	106	653680	106.512	ug/l	100
69) o-Xylene	10.70	106	311320	52.982	ug/l	99
70) Styrene	10.71	104	543574	53.953	ug/l	99
71) Bromoform	10.85	173	147337	53.044	ug/l	98
73) Isopropylbenzene	11.01	105	840209	50.988	ug/l	100
74) N-amyl acetate	10.89	43	338686	48.770	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	271731	49.480	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	222829m	43.306	ug/l	
77) Bromobenzene	11.25	156	220430	48.000	ug/l	99
78) n-propylbenzene	11.35	91	972184	51.640	ug/l	99
79) 2-Chlorotoluene	11.42	91	564450	50.205	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	707311	51.562	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	85104	46.940	ug/l	97
82) 4-Chlorotoluene	11.51	91	666056	50.145	ug/l	100
83) tert-Butylbenzene	11.76	119	686447	51.753	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	721960	52.389	ug/l	100
85) sec-Butylbenzene	11.94	105	819354	51.172	ug/l	99
86) p-Isopropyltoluene	12.06	119	766411	51.953	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	396951	49.170	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	399191	47.894	ug/l	99
89) n-Butylbenzene	12.39	91	668625	50.960	ug/l	99
90) Hexachloroethane	12.59	117	133728	47.950	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	391077	48.724	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	56779	51.632	ug/l	95
93) 1,2,4-Trichlorobenzene	13.64	180	279289	50.129	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	128468	44.936	ug/l	98
95) Naphthalene	13.83	128	825477	48.392	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	282336	50.791	ug/l	100

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

