

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090320\
 Data File : VX018243.D
 Acq On : 03 Sep 2020 18:23
 Operator : JC/SP
 Sample : L3903-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MS

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 9:29:07 AM

Quant Time: Sep 04 03:04:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	396060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	630742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	619817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	339720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	303010	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	
35) Dibromofluoromethane	5.46	113	232882	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
50) Toluene-d8	8.70	98	840823	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
62) 4-Bromofluorobenzene	11.12	95	342921	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	236013	48.944	ug/l	98
3) Chloromethane	1.31	50	230757	45.390	ug/l	100
4) Vinyl Chloride	1.39	62	233979	46.234	ug/l	100
5) Bromomethane	1.62	94	142108	58.218	ug/l	97
6) Chloroethane	1.70	64	139665	51.383	ug/l	98
7) Trichlorofluoromethane	1.91	101	388907	56.358	ug/l	99
8) Diethyl Ether	2.17	74	121122	51.756	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	199358	53.437	ug/l	98
10) Methyl Iodide	2.49	142	200649	50.241	ug/l	97
11) Tert butyl alcohol	3.02	59	258607	241.898	ug/l	100
12) 1,1-Dichloroethene	2.36	96	191325	49.432	ug/l	99
13) Acrolein	2.28	56	82814	186.819	ug/l	99
14) Allyl chloride	2.71	41	342046	49.188	ug/l	97
15) Acrylonitrile	3.12	53	604543	249.289	ug/l	99
16) Acetone	2.42	43	534575	249.512	ug/l	95
17) Carbon Disulfide	2.55	76	531704	45.443	ug/l	100
18) Methyl Acetate	2.75	43	269404	52.108	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	699500	52.698	ug/l	98
20) Methylene Chloride	2.83	84	224820	51.352	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	214000	49.905	ug/l	98
22) Diisopropyl ether	3.82	45	697025	50.786	ug/l	92
23) Vinyl Acetate	3.79	43	2927284	239.698	ug/l	99
24) 1,1-Dichloroethane	3.67	63	399168	51.092	ug/l	99
25) 2-Butanone	4.64	43	853637	242.436	ug/l	100
26) 2,2-Dichloropropane	4.55	77	319363	50.240	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	241084	48.795	ug/l	99
28) Bromochloromethane	4.98	49	177157	46.977	ug/l	98
29) Tetrahydrofuran	5.09	42	547771	244.382	ug/l	98
30) Chloroform	5.18	83	426199	52.684	ug/l	96
31) Cyclohexane	5.56	56	316853	48.146	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	390932	52.659	ug/l	99
36) 1,1-Dichloropropene	5.77	75	289709	49.798	ug/l	99
37) Ethyl Acetate	4.79	43	314858	46.598	ug/l	99
38) Carbon Tetrachloride	5.76	117	366264	55.865	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	312868	49.182	ug/l	98
40) Benzene	6.11	78	856214	50.087	ug/l	99
41) Methacrylonitrile	5.00	41	183169	49.372	ug/l	99
42) 1,2-Dichloroethane	6.17	62	351394	53.652	ug/l	98
43) Isopropyl Acetate	6.42	43	518151	47.478	ug/l	99
44) Trichloroethene	7.19	130	243661	50.446	ug/l	98
45) 1,2-Dichloropropane	7.49	63	229779	49.873	ug/l	95
46) Dibromomethane	7.64	93	164698	50.834	ug/l	98
47) Bromodichloromethane	7.88	83	351475	54.332	ug/l	98
48) Methyl methacrylate	7.74	41	270546	49.798	ug/l	98
49) 1,4-Dioxane	7.71	88	93024	945.259	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1712659	254.052	ug/l	99
52) Toluene	8.76	92	552510	50.972	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	369614	51.552	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	367831	48.430	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	236842	51.231	ug/l	99
56) Ethyl methacrylate	9.16	69	351284	51.114	ug/l	98
57) 1,3-Dichloropropane	9.35	76	382723	50.193	ug/l	99
59) 2-Hexanone	9.48	43	1331198	259.693	ug/l	99
60) Dibromochloromethane	9.57	129	289346	53.353	ug/l	99
61) 1,2-Dibromoethane	9.65	107	259093	51.622	ug/l	99
64) Tetrachloroethene	9.32	164	215468	47.306	ug/l	98
65) Chlorobenzene	10.12	112	604438	48.827	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	252935	51.841	ug/l	99
67) Ethyl Benzene	10.24	91	1065479	50.612	ug/l	97
68) m/p-Xylenes	10.34	106	820352	104.403	ug/l	96
69) o-Xylene	10.68	106	390835	51.311	ug/l	95
70) Styrene	10.70	104	685405	52.838	ug/l	98
71) Bromoform	10.84	173	222532	53.473	ug/l #	97
73) Isopropylbenzene	11.00	105	1080435	48.216	ug/l	99
74) N-amyl acetate	10.88	43	465200	43.755	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	368372	46.601	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	344068m	45.528	ug/l	
77) Bromobenzene	11.24	156	288230	46.533	ug/l	98
78) n-propylbenzene	11.34	91	1239220	48.705	ug/l	100
79) 2-Chlorotoluene	11.40	91	751039	47.777	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	942732	51.196	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	127489	45.563	ug/l	97
82) 4-Chlorotoluene	11.49	91	916257	49.030	ug/l	100
83) tert-Butylbenzene	11.76	119	915709	50.390	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	967108	51.370	ug/l	99
85) sec-Butylbenzene	11.93	105	1045511	50.592	ug/l	100
86) p-Isopropyltoluene	12.05	119	994733	52.403	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	513106	47.182	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	531548	48.816	ug/l	97
89) n-Butylbenzene	12.37	91	831426	47.988	ug/l	99
90) Hexachloroethane	12.58	117	193416	51.788	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	500426	48.884	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	92213	46.654	ug/l	94
93) 1,2,4-Trichlorobenzene	13.63	180	307324	45.021	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	121285	45.045	ug/l	95
95) Naphthalene	13.82	128	1063955	47.359	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	319807	47.414	ug/l	96

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

