

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100719\
 Data File : VX012852.D
 Acq On : 07 Oct 2019 20:40
 Operator : JC/SP
 Sample : K5154-12MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMS

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 2:06:57 PM

Quant Time: Oct 08 12:32:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	159185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	279905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	111461	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
35) Dibromofluoromethane	5.49	113	86341	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
50) Toluene-d8	8.71	98	321149	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.14	95	131936	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	59198	33.057	ug/l	100
3) Chloromethane	1.31	50	76167	37.040	ug/l	99
4) Vinyl Chloride	1.40	62	86850	42.492	ug/l	94
5) Bromomethane	1.62	94	24774	30.828	ug/l	98
6) Chloroethane	1.70	64	65062	47.219	ug/l	98
7) Trichlorofluoromethane	1.91	101	114433	39.876	ug/l	99
8) Diethyl Ether	2.18	74	52601	44.728	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	70589	40.386	ug/l	98
10) Methyl Iodide	2.50	142	63583	36.063	ug/l	93
11) Tert butyl alcohol	3.04	59	140253	242.207	ug/l	98
12) 1,1-Dichloroethene	2.36	96	78120	45.644	ug/l	90
13) Acrolein	2.28	56	68509	213.923	ug/l	98
14) Allyl chloride	2.72	41	148216	43.649	ug/l #	95
15) Acrylonitrile	3.13	53	284434	242.114	ug/l	99
16) Acetone	2.44	43	241277	196.508	ug/l	95
17) Carbon Disulfide	2.56	76	195016	40.644	ug/l	99
18) Methyl Acetate	2.76	43	133161	46.059	ug/l	94
19) Methyl tert-butyl Ether	3.19	73	325618	50.263	ug/l	100
20) Methylene Chloride	2.84	84	98153	47.264	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	86388	45.560	ug/l	98
22) Diisopropyl ether	3.84	45	314069	47.867	ug/l	95
23) Vinyl Acetate	3.80	43	1283862	223.126	ug/l	97
24) 1,1-Dichloroethane	3.69	63	191478	53.687	ug/l	99
25) 2-Butanone	4.66	43	399675	227.022	ug/l	96
26) 2,2-Dichloropropane	4.57	77	120985	38.140	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	114935	52.241	ug/l	90
28) Bromochloromethane	5.00	49	65287	50.414	ug/l #	15
29) Tetrahydrofuran	5.12	42	256480	239.022	ug/l	94
30) Chloroform	5.20	83	173627	47.583	ug/l	98
31) Cyclohexane	5.57	56	127569	39.537	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	146990	45.452	ug/l	98
36) 1,1-Dichloropropene	5.79	75	120192	44.549	ug/l	98
37) Ethyl Acetate	4.82	43	144770	45.897	ug/l	96
38) Carbon Tetrachloride	5.78	117	117177	42.755	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	129110	39.750	ug/l	96
40) Benzene	6.13	78	381720	48.086	ug/l	97
41) Methacrylonitrile	5.03	41	84086	47.513	ug/l	95
42) 1,2-Dichloroethane	6.19	62	143585	47.632	ug/l	98
43) Isopropyl Acetate	6.44	43	247576	46.935	ug/l	96
44) Trichloroethene	7.21	130	95842	47.227	ug/l	95
45) 1,2-Dichloropropane	7.51	63	101925	50.151	ug/l	98
46) Dibromomethane	7.65	93	68212	49.295	ug/l	99
47) Bromodichloromethane	7.89	83	135728	49.077	ug/l	97
48) Methyl methacrylate	7.76	41	125479	49.611	ug/l	91
49) 1,4-Dioxane	7.73	88	57622	1004.425	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	803125	246.654	ug/l	95
52) Toluene	8.78	92	241619	48.428	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	148221	48.440	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	161204	48.252	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	103940	52.400	ug/l	99
56) Ethyl methacrylate	9.17	69	174469	52.355	ug/l	90
57) 1,3-Dichloropropane	9.37	76	175219	50.472	ug/l	100
59) 2-Hexanone	9.49	43	629476	252.566	ug/l	93
60) Dibromochloromethane	9.58	129	106352	52.965	ug/l	98
61) 1,2-Dibromoethane	9.67	107	106295	51.490	ug/l	98
64) Tetrachloroethene	9.33	164	75787	43.224	ug/l	94
65) Chlorobenzene	10.14	112	258163	48.750	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	97469	50.799	ug/l	98
67) Ethyl Benzene	10.25	91	462746	48.178	ug/l	100
68) m/p-Xylenes	10.36	106	345589	96.050	ug/l	100
69) o-Xylene	10.70	106	172991	49.689	ug/l	100
70) Stvrene	10.71	104	301320	51.627	ug/l	99
71) Bromoform	10.85	173	72071	53.944	ug/l #	96
73) Isopropylbenzene	11.01	105	446556	46.343	ug/l	100
74) N-amyl acetate	10.89	43	220513	47.969	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	169568	53.135	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	155275m	49.615	ug/l	
77) Bromobenzene	11.25	156	108052	49.545	ug/l	99
78) n-propylbenzene	11.35	91	498873	45.986	ug/l	100
79) 2-Chlorotoluene	11.42	91	316896	46.827	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	379538	46.969	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48520	44.430	ug/l	96
82) 4-Chlorotoluene	11.51	91	360511	46.731	ug/l	99
83) tert-Butylbenzene	11.76	119	372397	47.775	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	392019	48.092	ug/l	100
85) sec-Butylbenzene	11.94	105	411766	45.418	ug/l	99
86) p-Isopropyltoluene	12.06	119	390291	47.710	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	197246	50.257	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	195496	49.294	ug/l	99
89) n-Butylbenzene	12.39	91	327636	45.450	ug/l	100
90) Hexachloroethane	12.59	117	67734	46.443	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	196085	49.904	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40069	50.193	ug/l	96
93) 1,2,4-Trichlorobenzene	13.64	180	125492	52.370	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	50243	48.738	ug/l	98
95) Naphthalene	13.83	128	462177	53.309	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	124863	52.018	ug/l	99

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

