

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072318\
 Data File : VX003613.D
 Acq On : 23 Jul 2018 19:10
 Operator : JC/SP
 Sample : J4048-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MS

Manual Integrations
 APPROVED

MMDadoda
 7/24/2018 12:37:33 PM

Quant Time: Jul 24 08:27:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375011	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	361096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222587	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159298	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
35) Dibromofluoromethane	5.51	113	148858	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
50) Toluene-d8	8.72	98	555310	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	11.14	95	204293	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	106137	50.06	ug/l	99
3) Chloromethane	1.32	50	139690	53.23	ug/l	99
4) Vinyl Chloride	1.40	62	158254	46.65	ug/l	99
5) Bromomethane	1.64	94	70996	52.74	ug/l	100
6) Chloroethane	1.72	64	105862	52.74	ug/l	99
7) Trichlorofluoromethane	1.93	101	232648	51.40	ug/l	99
8) Diethyl Ether	2.19	74	101150	52.04	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	146017	49.29	ug/l	98
10) Methyl Iodide	2.51	142	188210	52.89	ug/l	93
11) Tert butyl alcohol	3.08	59	170495	272.57	ug/l	100
12) 1,1-Dichloroethene	2.37	96	139365	51.10	ug/l	87
13) Acrolein	2.29	56	56250	199.03	ug/l	99
14) Allyl chloride	2.73	41	251300	52.05	ug/l	87
15) Acrylonitrile	3.15	53	443787	278.67	ug/l	98
16) Acetone	2.45	43	343519	287.70	ug/l #	87
17) Carbon Disulfide	2.57	76	360759	48.91	ug/l	99
18) Methyl Acetate	2.78	43	214584	57.01	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	497574	55.87	ug/l	99
20) Methylene Chloride	2.86	84	165331	56.75	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	153240	50.50	ug/l	93
22) Diisopropyl ether	3.88	45	482232	53.08	ug/l	94
23) Vinyl Acetate	3.83	43	1888525	252.35	ug/l	95
24) 1,1-Dichloroethane	3.70	63	286991	53.84	ug/l	99
25) 2-Butanone	4.71	43	528263	263.69	ug/l	91
26) 1,2-Dichloropropane	4.59	77	143013	35.32	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	172403	51.02	ug/l	91
28) Bromochloromethane	5.03	49	113882	48.88	ug/l #	82
29) Tetrahydrofuran	5.17	42	343287	259.40	ug/l	88
30) Chloroform	5.22	83	271918	52.24	ug/l	98
31) Cyclohexane	5.57	56	226133	47.48	ug/l	92
32) 1,1,1-Trichloroethane	5.50	97	233553	52.40	ug/l	96
36) 1,1-Dichloropropene	5.80	75	196456	48.52	ug/l	96
37) Ethyl Acetate	4.87	43	190630	49.76	ug/l	94
38) Carbon Tetrachloride	5.78	117	211982	53.38	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	230888	48.15	ug/l	92
40) Benzene	6.15	78	629138	51.47	ug/l	100
41) Methacrylonitrile	5.07	41	113998	50.63	ug/l #	90
42) 1,2-Dichloroethane	6.20	62	202280	52.52	ug/l	94
43) Isopropyl Acetate	6.47	43	309968	50.86	ug/l #	91
44) Trichloroethene	7.22	130	187672	51.48	ug/l	96
45) 1,2-Dichloropropane	7.52	63	162502	52.35	ug/l	99
46) Dibromomethane	7.67	93	107650	53.87	ug/l	92
47) Bromodichloromethane	7.90	83	202867	55.45	ug/l	98
48) Methyl methacrylate	7.78	41	165930	53.99	ug/l #	82
49) 1,4-Dioxane	7.76	88	69131	992.70	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1083732	281.47	ug/l	90
52) Toluene	8.79	92	404409	52.56	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	233120	51.77	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	213972	52.84	ug/l #	85
55) 1,1,2-Trichloroethane	9.22	97	169240	55.27	ug/l	97
56) Ethyl methacrylate	9.18	69	244576	56.71	ug/l #	80
57) 1,3-Dichloropropane	9.38	76	269647	54.48	ug/l	99
59) 2-Hexanone	9.50	43	811164	284.34	ug/l	87
60) Dibromochloromethane	9.59	129	175027	57.75	ug/l	100
61) 1,2-Dibromoethane	9.68	107	173759	54.74	ug/l	100
64) Tetrachloroethene	9.34	164	214524	48.76	ug/l	98
65) Chlorobenzene	10.14	112	467421	50.24	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	173559	54.22	ug/l	100
67) Ethyl Benzene	10.26	91	766560	51.24	ug/l	100
68) m/p-Xylenes	10.36	106	603371	102.88	ug/l	95
69) o-Xylene	10.70	106	292788	51.63	ug/l	95
70) Styrene	10.71	104	497201	53.30	ug/l	96
71) Bromoform	10.86	173	141926	57.06	ug/l	100
73) Isopropylbenzene	11.02	105	792140	51.46	ug/l	99
74) N-amyl acetate	6.47	43	309968	47.42	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.27	83	239832	53.16	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	207687m	51.94	ug/l	
77) Bromobenzene	11.26	156	223089	50.39	ug/l	94
78) n-propylbenzene	11.37	91	868210	50.74	ug/l	97
79) 2-Chlorotoluene	11.43	91	518772	49.94	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	644994	50.98	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	60758	43.48	ug/l	87
82) 4-Chlorotoluene	11.51	91	602366	49.49	ug/l	96
83) tert-Butylbenzene	11.77	119	647663	52.27	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	668922	51.96	ug/l	97
85) sec-Butylbenzene	11.95	105	771064	51.24	ug/l	98
86) p-Isopropyltoluene	12.07	119	693076	51.32	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	399647	49.10	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	400219	47.74	ug/l	99
89) n-Butylbenzene	12.39	91	558433	48.69	ug/l	97
90) Hexachloroethane	12.60	117	99751	51.96	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	407096	50.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48820	55.61	ug/l	82
93) 1,2,4-Trichlorobenzene	13.65	180	290649	49.44	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	136380	48.24	ug/l	100
95) Naphthalene	13.84	128	844671	54.68	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	298523	51.30	ug/l	99

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

