

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070918\
 Data File : VX003256.D
 Acq On : 09 Jul 2018 20:57
 Operator : JC/MD
 Sample : J3762-09 MDL 0.2PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:52 PM

Quant Time: Jul 10 04:26:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190310	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	209450	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
35) Dibromofluoromethane	5.51	113	176369	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	8.72	98	629589	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.14	95	216100	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	909	0.23	ug/l	76
3) Chloromethane	1.32	50	1804	0.51	ug/l #	85
4) Vinyl Chloride	1.40	62	869	0.24	ug/l #	1
5) Bromomethane	1.64	94	3135	Below	Cal	83
7) Trichlorofluoromethane	1.93	101	1342	0.25	ug/l	100
8) Diethyl Ether	2.19	74	475	0.24	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	940	0.30	ug/l #	91
10) Methyl Iodide	2.52	142	4094	6.69	ug/l	97
11) Tert butyl alcohol	3.07	59	1245	1.71	ug/l #	78
12) 1,1-Dichloroethene	2.37	96	745	0.26	ug/l #	74
13) Acrolein	2.29	56	851	1.45	ug/l #	45
14) Allyl chloride	2.73	41	1307	0.25	ug/l #	80
15) Acrylonitrile	3.15	53	1945	1.20	ug/l #	83
16) Acetone	2.45	43	2364	1.66	ug/l	96
17) Carbon Disulfide	2.57	76	3046	0.38	ug/l #	92
18) Methyl Acetate	2.78	43	1040	0.26	ug/l	94
20) Methylene Chloride	2.87	84	1405	Below	Cal #	75
21) trans-1,2-Dichloroethene	3.17	96	875	0.29	ug/l #	79
22) Diisopropyl ether	3.89	45	2383	0.22	ug/l #	90
23) Vinyl Acetate	3.82	43	6636	0.72	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	1409	0.25	ug/l #	92
25) 2-Butanone	4.72	43	2516	1.00	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	960	0.26	ug/l #	1
28) Bromochloromethane	5.01	49	704	0.25	ug/l #	57
29) Tetrahydrofuran	5.18	42	2501	1.53	ug/l	99
30) Chloroform	5.22	83	1451	0.23	ug/l	92
31) Cyclohexane	5.57	56	1196m	0.23	ug/l	
32) 1,1,1-Trichloroethane	5.50	97	1220	0.22	ug/l #	23
36) 1,1-Dichloropropene	5.81	75	1541	0.32	ug/l #	68
37) Ethyl Acetate	4.88	43	1258	0.24	ug/l #	73
38) Carbon Tetrachloride	5.79	117	1310	0.25	ug/l #	82
39) Methylcyclohexane	7.47	83	1538	0.28	ug/l #	88
40) Benzene	6.15	78	2836	0.20	ug/l	100
42) 1,2-Dichloroethane	6.21	62	1078	0.21	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.22	130	1042	0.25	ug/l	82
45) 1,2-Dichloropropane	7.52	63	818	0.22	ug/l #	69
46) Dibromomethane	7.66	93	517	0.21	ug/l #	75
48) Methyl methacrylate	7.78	41	1128	0.27	ug/l #	54
49) 1,4-Dioxane	7.76	88	345	3.94	ug/l #	62
51) 4-Methyl-2-Pentanone	8.66	43	4097	0.81	ug/l	95
52) Toluene	8.79	92	1895	0.21	ug/l	93
54) cis-1,3-Dichloropropene	9.05	75	989	0.20	ug/l #	82
58) 2-Chloroethyl Vinyl ether	8.32	63	1896	0.78	ug/l	96
59) 2-Hexanone	9.51	43	3354	0.87	ug/l	89
61) 1,2-Dibromoethane	9.68	107	774	0.20	ug/l	96
64) Tetrachloroethene	9.34	164	1288	0.29	ug/l	94
65) Chlorobenzene	10.14	112	2543	0.25	ug/l	91
67) Ethyl Benzene	10.26	91	3578	0.22	ug/l	93
68) m/p-Xylenes	10.37	106	2696	0.42	ug/l	99
73) Isopropylbenzene	11.02	105	3175	0.21	ug/l	96
74) N-amyl acetate	6.48	43	1630	0.23	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.27	83	974	0.21	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	840m	0.20	ug/l	
77) Bromobenzene	11.26	156	1174	0.27	ug/l	96
78) n-propylbenzene	11.37	91	4266	0.26	ug/l	97
79) 2-Chlorotoluene	11.42	91	2636	0.26	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	2694	0.22	ug/l	95
82) 4-Chlorotoluene	11.52	91	3023	0.25	ug/l	88
83) tert-Butylbenzene	11.77	119	2603	0.21	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	2632	0.21	ug/l	79
85) sec-Butylbenzene	11.95	105	3206	0.22	ug/l	98
86) p-Isopropyltoluene	12.07	119	2951	0.22	ug/l #	76
87) 1,3-Dichlorobenzene	12.03	146	2105	0.26	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	2570m	0.32	ug/l	
89) n-Butylbenzene	12.39	91	2715	0.24	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	2002	0.25	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	13.01	75	248	0.25	ug/l	80
93) 1,2,4-Trichlorobenzene	13.65	180	1832	0.32	ug/l	98
94) Hexachlorobutadiene	13.79	225	916	0.32	ug/l	95
95) Naphthalene	13.84	128	3394	0.22	ug/l	96
96) 1,2,3-Trichlorobenzene	14.02	180	1614	0.28	ug/l	96

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

