

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003259.D
 Acq On : 09 Jul 2018 22:17
 Operator : JC/MD
 Sample : J3762-08 L00 2PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:53 PM

Quant Time: Jul 10 11:26:13 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	5.66	168	244262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	289350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194785	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	198781	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
35) Dibromofluoromethane	5.51	113	164818	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
50) Toluene-d8	8.72	98	599552	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.14	95	212115	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	7059	1.90	ug/l	94
3) Chloromethane	1.32	50	7668	2.27	ug/l	99
4) Vinyl Chloride	1.40	62	7104	2.05	ug/l #	77
5) Bromomethane	1.64	94	5096	1.78	ug/l	83
6) Chloroethane	1.72	64	4491	2.34	ug/l #	88
7) Trichlorofluoromethane	1.93	101	11235	2.18	ug/l	94
8) Diethyl Ether	2.19	74	3960	2.13	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	6507	2.16	ug/l	99
12) 1,1-Dichloroethene	2.37	96	5694	2.07	ug/l	84
14) Allyl chloride	2.73	41	10490	2.06	ug/l	93
15) Acrylonitrile	3.15	53	17244	11.08	ug/l	99
16) Acetone	2.45	43	17108	12.54	ug/l	98
17) Carbon Disulfide	2.57	76	15646	2.05	ug/l	97
18) Methyl Acetate	2.78	43	8324	2.16	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	20120	2.19	ug/l	97
20) Methylene Chloride	2.86	84	7155	1.88	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	6503	2.22	ug/l	87
22) Diisopropyl ether	3.87	45	21729	2.10	ug/l #	93
23) Vinyl Acetate	3.83	43	86014	9.79	ug/l	95
24) 1,1-Dichloroethane	3.70	63	11709	2.17	ug/l	99
25) 2-Butanone	4.71	43	25912	10.73	ug/l	97
26) 2,2-Dichloropropane	4.59	77	7640	1.62	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	7728	2.15	ug/l	41
28) Bromochloromethane	5.02	49	6130	2.26	ug/l	98
29) Tetrahydrofuran	5.17	42	16513	10.54	ug/l	94
30) Chloroform	5.21	83	12612	2.13	ug/l	89
31) Cyclohexane	5.57	56	10317	2.05	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	10976	2.10	ug/l	99
36) 1,1-Dichloropropene	5.80	75	9317	2.09	ug/l	96
37) Ethyl Acetate	4.87	43	10667	2.19	ug/l #	85
38) Carbon Tetrachloride	5.78	117	9691	1.99	ug/l	93
39) Methylcyclohexane	7.46	83	9603	1.83	ug/l	97
40) Benzene	6.15	78	26794	2.03	ug/l	98
41) Methacrylonitrile	5.06	41	5833	2.18	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	10131	2.06	ug/l	96
43) Isopropyl Acetate	6.47	43	15566	2.03	ug/l	96
44) Trichloroethene	7.22	130	8061	2.07	ug/l	89
45) 1,2-Dichloropropane	7.52	63	6865	2.00	ug/l	91
46) Dibromomethane	7.67	93	4936	2.11	ug/l	95
47) Bromodichloromethane	7.90	83	8269	1.92	ug/l	97
48) Methyl methacrylate	7.78	41	7181	1.83	ug/l	94
49) 1,4-Dioxane	7.76	88	3298	40.13	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	45248	9.48	ug/l	99
52) Toluene	8.79	92	17176	2.06	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	8653	1.70	ug/l	97
54) cis-1,3-Dichloropropene	9.04	75	7859	1.70	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	6850	1.98	ug/l	92
56) Ethyl methacrylate	9.19	69	8478	1.79	ug/l	96
57) 1,3-Dichloropropane	9.38	76	11344	2.04	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	20684	9.05	ug/l	99
59) 2-Hexanone	9.50	43	35069	9.68	ug/l	100
60) Dibromochloromethane	9.59	129	6330	1.75	ug/l	98
61) 1,2-Dibromoethane	9.68	107	7054	1.95	ug/l	99
64) Tetrachloroethene	9.34	164	9883	2.26	ug/l	89
65) Chlorobenzene	10.14	112	19937	2.03	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	6697	1.89	ug/l	98
67) Ethyl Benzene	10.26	91	29819	1.88	ug/l	99
68) m/p-Xylenes	10.36	106	22661	3.66	ug/l	97
69) o-Xylene	10.70	106	11358	1.90	ug/l	97
70) Styrene	10.71	104	16976	1.75	ug/l	99
71) Bromoform	10.86	173	4875	1.67	ug/l #	98
73) Isopropylbenzene	11.02	105	29590	1.92	ug/l	99
74) N-amyl acetate	6.47	43	15566	2.12	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	10123	2.12	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	8522m	2.02	ug/l	
77) Bromobenzene	11.26	156	9126	2.06	ug/l	97
78) n-propylbenzene	11.36	91	32727	1.91	ug/l	97
79) 2-Chlorotoluene	11.43	91	21081	2.02	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	23971	1.87	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	1825m	1.42	ug/l	
82) 4-Chlorotoluene	11.51	91	23877	1.96	ug/l	99
83) tert-Butylbenzene	11.77	119	23745	1.86	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	23871	1.82	ug/l	98
85) sec-Butylbenzene	11.95	105	28279	1.87	ug/l	99
86) p-Isopropyltoluene	12.07	119	25031	1.82	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	16521	2.03	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	17440	2.11	ug/l	91
89) n-Butylbenzene	12.39	91	20254	1.76	ug/l	96
90) Hexachloroethane	12.60	117	3567	1.70	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	16351	2.00	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1848	1.81	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	10709	1.80	ug/l	100
94) Hexachlorobutadiene	13.79	225	5306	1.79	ug/l	97
95) Naphthalene	13.83	128	26435	1.70	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	11233	1.89	ug/l	98

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

