

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070918\
 Data File : VX003239.D
 Acq On : 09 Jul 2018 11:23
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:42 PM

Quant Time: Jul 09 15:25:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 14:57:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	363973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221472	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	4906	1.68	ug/l	98
3) Chloromethane	1.33	50	4990	1.63	ug/l	92
4) Vinyl Chloride	1.41	62	4770	1.44	ug/l	91
5) Bromomethane	1.65	94	2782	1.36	ug/l	93
6) Chloroethane	1.73	64	2832	1.28	ug/l #	86
7) Trichlorofluoromethane	1.93	101	7682	1.37	ug/l	90
8) Diethyl Ether	2.19	74	2789	1.37	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4583	1.41	ug/l	94
12) 1,1-Dichloroethene	2.38	96	4214	1.46	ug/l	90
14) Allyl chloride	2.73	41	7419	1.30	ug/l	93
15) Acrylonitrile	3.15	53	11243	6.52	ug/l	99
16) Acetone	2.45	43	9826	5.86	ug/l #	87
17) Carbon Disulfide	2.57	76	11437	1.48	ug/l	100
18) Methyl Acetate	2.78	43	5386	1.15	ug/l #	87
19) Methyl tert-butyl Ether	3.21	73	13433	1.29	ug/l	100
20) Methylene Chloride	2.86	84	5026	1.54	ug/l #	90
21) trans-1,2-Dichloroethene	3.17	96	4308	1.37	ug/l	99
22) Diisopropyl ether	3.87	45	15147	1.39	ug/l	98
23) Vinyl Acetate	3.83	43	58174	6.31	ug/l	97
24) 1,1-Dichloroethane	3.70	63	8077	1.36	ug/l	97
25) 2-Butanone	4.71	43	16548	6.64	ug/l	99
26) 2,2-Dichloropropane	4.59	77	7031	1.46	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	5153	1.46	ug/l	34
28) Bromochloromethane	5.03	49	4066	1.43	ug/l	92
29) Tetrahydrofuran	5.17	42	11112	6.96	ug/l	97
30) Chloroform	5.22	83	8411	1.38	ug/l	97
31) Cyclohexane	5.57	56	7050	1.39	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	7060	1.32	ug/l	98
36) 1,1-Dichloropropene	5.81	75	6242	1.56	ug/l	96
37) Ethyl Acetate	4.87	43	7095	1.65	ug/l #	93
38) Carbon Tetrachloride	5.79	117	6315	1.44	ug/l	96
39) Methylcyclohexane	7.46	83	7297	1.57	ug/l #	83
40) Benzene	6.15	78	18035	1.56	ug/l	99
41) Methacrylonitrile	5.07	41	3436	1.39	ug/l #	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	7132	1.52	ug/l	92
43) Isopropyl Acetate	6.47	43	10191	1.41	ug/l	98
44) Trichloroethene	7.21	130	5283	1.53	ug/l	98
45) 1,2-Dichloropropane	7.52	63	4864	1.58	ug/l	96
46) Dibromomethane	7.67	93	3200	1.50	ug/l	95
47) Bromodichloromethane	7.90	83	5403	1.37	ug/l	99
48) Methyl methacrylate	7.78	41	5044	1.36	ug/l	100
49) 1,4-Dioxane	7.76	88	2178	30.14	ug/l	90
51) 4-Methyl-2-Pentanone	8.65	43	27993	6.21	ug/l	100
52) Toluene	8.79	92	10662	1.44	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	6066	1.36	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	5368	1.25	ug/l	92
55) 1,1,2-Trichloroethane	9.22	97	4755	1.56	ug/l	95
56) Ethyl methacrylate	9.19	69	5366	1.20	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	7431	1.48	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	10537	4.90	ug/l	97
59) 2-Hexanone	9.50	43	20713	6.04	ug/l	99
60) Dibromochloromethane	9.59	129	4241	1.32	ug/l	99
61) 1,2-Dibromoethane	9.68	107	4612	1.44	ug/l	99
64) Tetrachloroethene	9.34	164	5957	1.64	ug/l	95
65) Chlorobenzene	10.14	112	13548	1.63	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	4184	1.39	ug/l	86
67) Ethyl Benzene	10.26	91	19721	1.44	ug/l	98
68) m/p-Xylenes	10.36	106	14592	2.76	ug/l	97
69) o-Xylene	10.70	106	7174	1.39	ug/l	97
70) Styrene	10.71	104	11241	1.34	ug/l	100
71) Bromoform	10.86	173	3317	1.40	ug/l #	96
73) Isopropylbenzene	11.02	105	18952	1.27	ug/l	97
74) N-amyl acetate	6.47	43	10191	1.40	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	6168	1.34	ug/l	90
76) 1,2,3-Trichloropropane	11.30	75	5651m	1.41	ug/l	
77) Bromobenzene	11.26	156	5694	1.34	ug/l	95
78) n-propylbenzene	11.36	91	20015	1.18	ug/l	96
79) 2-Chlorotoluene	11.42	91	13007	1.27	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	14893	1.19	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	1386	1.17	ug/l	84
82) 4-Chlorotoluene	11.51	91	14788	1.22	ug/l	94
83) tert-Butylbenzene	11.77	119	15292	1.24	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	15038	1.16	ug/l	94
85) sec-Butylbenzene	11.95	105	17827	1.19	ug/l	97
86) p-Isopropyltoluene	12.07	119	16027	1.19	ug/l	95
87) 1,3-Dichlorobenzene	12.03	146	11121	1.44	ug/l	95
88) 1,4-Dichlorobenzene	12.03	146	11121	1.39	ug/l	95
89) n-Butylbenzene	12.39	91	13949	1.19	ug/l	98
90) Hexachloroethane	12.60	117	2412	1.20	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	10947	1.40	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1278	1.24	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	7641	1.34	ug/l	99
94) Hexachlorobutadiene	13.79	225	3956	1.39	ug/l	98
95) Naphthalene	13.83	128	16993	1.12	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	7204	1.27	ug/l	94

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

