

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070918\
 Data File : VX003254.D
 Acq On : 09 Jul 2018 20:04
 Operator : JC/MD
 Sample : VX0709WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:50 PM

Quant Time: Jul 10 01:21:23 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	266099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	333066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211703	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	201690	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
35) Dibromofluoromethane	5.51	113	173202	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
50) Toluene-d8	8.72	98	638713	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	11.14	95	231147	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	80838	19.98	ug/l	96
3) Chloromethane	1.32	50	67055	18.23	ug/l	99
4) Vinyl Chloride	1.40	62	70724	18.73	ug/l	98
5) Bromomethane	1.64	94	30496	27.67	ug/l	99
6) Chloroethane	1.72	64	40691	19.45	ug/l	98
7) Trichlorofluoromethane	1.93	101	107145	19.09	ug/l	100
8) Diethyl Ether	2.19	74	38368	18.91	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	61928	18.85	ug/l	98
10) Methyl Iodide	2.51	142	54386	18.95	ug/l	97
11) Tert butyl alcohol	3.08	59	78938	103.97	ug/l	98
12) 1,1-Dichloroethene	2.37	96	54908	18.36	ug/l	89
13) Acrolein	2.29	56	52548	85.89	ug/l	99
14) Allyl chloride	2.73	41	102494	18.50	ug/l	94
15) Acrylonitrile	3.15	53	163458	96.42	ug/l	98
16) Acetone	2.45	43	147023	98.89	ug/l	93
17) Carbon Disulfide	2.57	76	150112	18.06	ug/l	99
18) Methyl Acetate	2.78	43	84832	20.23	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	186823	18.70	ug/l	100
20) Methylene Chloride	2.86	84	61134	19.64	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	59127	18.55	ug/l	90
22) Diisopropyl ether	3.88	45	191373	16.98	ug/l	# 97
23) Vinyl Acetate	3.83	43	828721	86.62	ug/l	96
24) 1,1-Dichloroethane	3.70	63	108992	18.58	ug/l	99
25) 2-Butanone	4.71	43	261139	99.26	ug/l	97
26) 2,2-Dichloropropane	4.59	77	80333	15.66	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	72873	18.60	ug/l	99
28) Bromochloromethane	5.02	49	59046	19.98	ug/l	84
29) Tetrahydrofuran	5.17	42	167096	97.86	ug/l	95
30) Chloroform	5.21	83	122115	18.93	ug/l	99
31) Cyclohexane	5.58	56	103478	18.84	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	108573	19.08	ug/l	98
36) 1,1-Dichloropropene	5.80	75	89112	18.90	ug/l	97
37) Ethyl Acetate	4.87	43	98997	19.15	ug/l	97
38) Carbon Tetrachloride	5.78	117	97687	18.94	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103011	18.55	ug/l	97
40) Benzene	6.15	78	271321	19.42	ug/l	99
41) Methacrylonitrile	5.07	41	55733	19.70	ug/l	96
42) 1,2-Dichloroethane	6.20	62	98931	18.95	ug/l	97
43) Isopropyl Acetate	6.48	43	155019	19.10	ug/l	96
44) Trichloroethene	7.22	130	80461	19.47	ug/l	93
45) 1,2-Dichloropropane	7.52	63	69646	19.17	ug/l	99
46) Dibromomethane	7.67	93	47026	18.99	ug/l	91
47) Bromodichloromethane	7.90	83	86164	18.86	ug/l	100
48) Methyl methacrylate	7.78	41	78906	18.95	ug/l	91
49) 1,4-Dioxane	7.76	88	35652	409.60	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	507683	100.47	ug/l	96
52) Toluene	8.79	92	172746	19.56	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	99715	18.55	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	90228	18.44	ug/l	92
55) 1,1,2-Trichloroethane	9.22	97	71090	19.40	ug/l	96
56) Ethyl methacrylate	9.18	69	95263	18.98	ug/l	91
57) 1,3-Dichloropropane	9.38	76	113511	19.23	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	249410	103.02	ug/l	95
59) 2-Hexanone	9.50	43	385947	100.56	ug/l	95
60) Dibromochloromethane	9.59	129	71354	18.65	ug/l	99
61) 1,2-Dibromoethane	9.68	107	74524	19.41	ug/l	100
64) Tetrachloroethene	9.34	164	92485	20.04	ug/l	98
65) Chlorobenzene	10.14	112	199048	19.19	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	73660	19.68	ug/l	99
67) Ethyl Benzene	10.26	91	324509	19.35	ug/l	99
68) m/p-Xylenes	10.36	106	254483	39.00	ug/l	97
69) o-Xylene	10.70	106	124688	19.72	ug/l	94
70) Styrene	10.71	104	201189	19.63	ug/l	98
71) Bromoform	10.86	173	56873	18.47	ug/l #	100
73) Isopropylbenzene	11.02	105	334292	20.00	ug/l	100
74) N-amyl acetate	6.48	43	155019	19.44	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	100778	19.44	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	100831m	22.04	ug/l	
77) Bromobenzene	11.26	156	96170	19.93	ug/l	93
78) n-propylbenzene	11.37	91	370473	19.94	ug/l	98
79) 2-Chlorotoluene	11.43	91	223539	19.74	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	279262	20.06	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	24386	17.42	ug/l	100
82) 4-Chlorotoluene	11.51	91	259953	19.66	ug/l	98
83) tert-Butylbenzene	11.77	119	274177	19.72	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	285960	20.06	ug/l	98
85) sec-Butylbenzene	11.95	105	325566	19.81	ug/l	99
86) p-Isopropyltoluene	12.07	119	295448	19.73	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	170914	19.31	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	173588	19.37	ug/l	99
89) n-Butylbenzene	12.39	91	235832	18.85	ug/l	99
90) Hexachloroethane	12.60	117	41291	18.06	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	173482	19.52	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21206	19.06	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	124716	19.28	ug/l	99
94) Hexachlorobutadiene	13.79	225	60800	18.88	ug/l	99
95) Naphthalene	13.84	128	344144	20.33	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	128543	19.92	ug/l	99

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

