

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070918\
 Data File : VX003262.D
 Acq On : 09 Jul 2018 23:37
 Operator : JC/MD
 Sample : VX0709WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:56 PM

Quant Time: Jul 10 01:24:29 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	254321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	319668	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209488	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	197213	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
35) Dibromofluoromethane	5.51	113	165898	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	8.72	98	616809	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.14	95	225270	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	81236	21.01	ug/l	99
3) Chloromethane	1.32	50	67456	19.19	ug/l	96
4) Vinyl Chloride	1.40	62	71977	19.95	ug/l	98
5) Bromomethane	1.64	94	28201	26.72	ug/l	96
6) Chloroethane	1.72	64	42021	21.02	ug/l	100
7) Trichlorofluoromethane	1.93	101	109749	20.46	ug/l	99
8) Diethyl Ether	2.19	74	39533	20.39	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	63974	20.37	ug/l	96
10) Methyl Iodide	2.51	142	62069	21.53	ug/l	97
11) Tert butyl alcohol	3.08	59	81628	112.49	ug/l	99
12) 1,1-Dichloroethene	2.37	96	56703	19.84	ug/l	90
13) Acrolein	2.29	56	52999	90.64	ug/l	98
14) Allyl chloride	2.73	41	105027	19.84	ug/l	95
15) Acrylonitrile	3.15	53	170679	105.34	ug/l	98
16) Acetone	2.45	43	155732	109.60	ug/l	95
17) Carbon Disulfide	2.57	76	155188	19.54	ug/l	97
18) Methyl Acetate	2.78	43	90790	22.65	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	190497	19.96	ug/l	99
20) Methylene Chloride	2.86	84	63760	21.49	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	62579	20.54	ug/l	91
22) Diisopropyl ether	3.88	45	213293	19.80	ug/l	97
23) Vinyl Acetate	3.83	43	874110	95.60	ug/l	98
24) 1,1-Dichloroethane	3.70	63	113814	20.30	ug/l	99
25) 2-Butanone	4.71	43	263502	104.80	ug/l	97
26) 2,2-Dichloropropane	4.59	77	67289	13.72	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	72208	19.29	ug/l	97
28) Bromochloromethane	5.03	49	59283	20.99	ug/l	89
29) Tetrahydrofuran	5.17	42	166828	102.23	ug/l	96
30) Chloroform	5.22	83	122845	19.92	ug/l	98
31) Cyclohexane	5.57	56	103823	19.78	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	107630	19.79	ug/l	98
36) 1,1-Dichloropropene	5.81	75	87951	19.44	ug/l	96
37) Ethyl Acetate	4.87	43	99119	19.98	ug/l	97
38) Carbon Tetrachloride	5.79	117	97114	19.62	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101850	19.10	ug/l	95
40) Benzene	6.15	78	269390	20.09	ug/l	99
41) Methacrylonitrile	5.07	41	56442	20.78	ug/l	96
42) 1,2-Dichloroethane	6.20	62	99076	19.77	ug/l	98
43) Isopropyl Acetate	6.47	43	156079	20.04	ug/l	97
44) Trichloroethene	7.21	130	79194	19.97	ug/l	99
45) 1,2-Dichloropropane	7.52	63	70235	20.14	ug/l	98
46) Dibromomethane	7.67	93	47084	19.81	ug/l	94
47) Bromodichloromethane	7.90	83	87182	19.88	ug/l	98
48) Methyl methacrylate	7.78	41	79737	19.96	ug/l	92
49) 1,4-Dioxane	7.76	88	35041	419.45	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	510430	105.25	ug/l	97
52) Toluene	8.79	92	172011	20.29	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	96504	18.70	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	87359	18.60	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	69485	19.76	ug/l	98
56) Ethyl methacrylate	9.18	69	94903	19.70	ug/l	93
57) 1,3-Dichloropropane	9.38	76	112405	19.84	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	247526	106.53	ug/l	97
59) 2-Hexanone	9.50	43	394359	107.05	ug/l	96
60) Dibromochloromethane	9.59	129	71964	19.60	ug/l	99
61) 1,2-Dibromoethane	9.68	107	73360	19.90	ug/l	97
64) Tetrachloroethene	9.34	164	93057	20.32	ug/l	97
65) Chlorobenzene	10.14	112	202289	19.66	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	73896	19.90	ug/l	100
67) Ethyl Benzene	10.26	91	329052	19.77	ug/l	100
68) m/p-Xylenes	10.36	106	260862	40.29	ug/l	97
69) o-Xylene	10.70	106	124836	19.90	ug/l	96
70) Styrene	10.71	104	200781	19.74	ug/l	99
71) Bromoform	10.86	173	56998	18.66	ug/l	99
73) Isopropylbenzene	11.02	105	337075	20.38	ug/l	99
74) N-amyl acetate	6.47	43	156079	19.78	ug/l	# 97
75) 1,1,2,2-Tetrachloroethane	11.27	83	103839	20.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	101652m	22.45	ug/l	
77) Bromobenzene	11.26	156	96214	20.15	ug/l	95
78) n-propylbenzene	11.37	91	375576	20.42	ug/l	98
79) 2-Chlorotoluene	11.43	91	225416	20.12	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	282273	20.50	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	24291	17.54	ug/l	97
82) 4-Chlorotoluene	11.51	91	264988	20.26	ug/l	98
83) tert-Butylbenzene	11.77	119	275981	20.06	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	290766	20.62	ug/l	98
85) sec-Butylbenzene	11.95	105	327400	20.13	ug/l	98
86) p-Isopropyltoluene	12.07	119	293951	19.84	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	172233	19.66	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	173686	19.58	ug/l	99
89) n-Butylbenzene	12.39	91	238494	19.27	ug/l	99
90) Hexachloroethane	12.60	117	41201	18.22	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	173566	19.73	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21271	19.33	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	127231	19.87	ug/l	99
94) Hexachlorobutadiene	13.79	225	62242	19.53	ug/l	99
95) Naphthalene	13.84	128	350195	20.91	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128402	20.11	ug/l	99

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

