

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071718\
 Data File : VX003416.D
 Acq On : 17 Jul 2018 09:47
 Operator : JC/MD
 Sample : VX0717WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/18/2018 12:58:22 PM

Quant Time: Jul 17 11:03:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	375975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	472698	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	442421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	304928	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	214153	43.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.98%	
35) Dibromofluoromethane	5.51	113	207893	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
50) Toluene-d8	8.72	98	797643	56.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.02%	
62) 4-Bromofluorobenzene	11.14	95	276960	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	88007	20.74	ug/l	99
3) Chloromethane	1.32	50	84323	18.36	ug/l	99
4) Vinyl Chloride	1.40	62	94166	18.81	ug/l	92
5) Bromomethane	1.64	94	39912	20.16	ug/l	97
6) Chloroethane	1.72	64	56840	19.08	ug/l	97
7) Trichlorofluoromethane	1.93	101	126323	19.03	ug/l	91
8) Diethyl Ether	2.19	74	51651	18.18	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	83969	20.02	ug/l	99
10) Methyl Iodide	2.51	142	71261	15.88	ug/l	93
11) Tert butyl alcohol	3.07	59	92808	83.82	ug/l	99
12) 1,1-Dichloroethene	2.37	96	77046	19.44	ug/l	88
13) Acrolein	2.29	56	37917	71.38	ug/l	95
14) Allyl chloride	2.73	41	137284	19.10	ug/l	86
15) Acrylonitrile	3.15	53	226040	89.10	ug/l	98
16) Acetone	2.45	43	172331	84.15	ug/l	93
17) Carbon Disulfide	2.57	76	195868	18.01	ug/l	100
18) Methyl Acetate	2.78	43	135183	20.27	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	258990	19.68	ug/l	95
20) Methylene Chloride	2.85	84	87853	23.29	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	82348	19.24	ug/l	83
22) Diisopropyl ether	3.87	45	248438	17.82	ug/l	# 96
23) Vinyl Acetate	3.82	43	1007956	87.64	ug/l	96
24) 1,1-Dichloroethane	3.70	63	143656	18.16	ug/l	97
25) 2-Butanone	4.71	43	284829	88.87	ug/l	95
26) 2,2-Dichloropropane	4.59	77	116568	20.99	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	91126	19.79	ug/l	93
28) Bromochloromethane	5.02	49	65078	18.95	ug/l	86
29) Tetrahydrofuran	5.17	42	184020	90.53	ug/l	90
30) Chloroform	5.21	83	148675	20.39	ug/l	99
31) Cyclohexane	5.57	56	120272	19.69	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	127930	20.63	ug/l	98
36) 1,1-Dichloropropene	5.79	75	105231	21.98	ug/l	97
37) Ethyl Acetate	4.87	43	108026	20.03	ug/l	# 94
38) Carbon Tetrachloride	5.78	117	108680	22.31	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	111348	20.32	ug/l	95
40) Benzene	6.14	78	301882	20.73	ug/l	99
41) Methacrylonitrile	5.06	41	61798	20.83	ug/l	93
42) 1,2-Dichloroethane	6.20	62	97731	19.57	ug/l	94
43) Isopropyl Acetate	6.47	43	151216	18.57	ug/l #	92
44) Trichloroethene	7.21	130	87801	20.81	ug/l	96
45) 1,2-Dichloropropane	7.52	63	76129	20.09	ug/l	97
46) Dibromomethane	7.67	93	49431	19.60	ug/l	93
47) Bromodichloromethane	7.90	83	91472	19.80	ug/l	99
48) Methyl methacrylate	7.78	41	79387	19.11	ug/l	86
49) 1,4-Dioxane	7.76	88	35083	368.92	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	569777	106.32	ug/l	92
52) Toluene	8.79	92	216896	23.79	ug/l	94
53) t-1,3-Dichloropropene	8.44	75	120024	22.00	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	112493	22.60	ug/l #	89
55) 1,1,2-Trichloroethane	9.22	97	85743	22.51	ug/l	93
56) Ethyl methacrylate	9.18	69	117902	21.86	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	134172	21.92	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	299974	110.90	ug/l	96
59) 2-Hexanone	9.50	43	410739	99.76	ug/l	88
60) Dibromochloromethane	9.59	129	74913	19.79	ug/l	98
61) 1,2-Dibromoethane	9.68	107	78107	19.89	ug/l	98
64) Tetrachloroethene	9.34	164	121474	26.24	ug/l	90
65) Chlorobenzene	10.14	112	214900	20.56	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	76532	20.60	ug/l	99
67) Ethyl Benzene	10.26	91	350732	20.53	ug/l	100
68) m/p-Xylenes	10.36	106	276710	41.88	ug/l	96
69) o-Xylene	10.70	106	131083	20.65	ug/l	96
70) Styrene	10.71	104	217984	20.87	ug/l	97
71) Bromoform	10.86	173	57059	19.09	ug/l #	100
73) Isopropylbenzene	11.02	105	358893	18.38	ug/l	100
74) N-amyl acetate	6.47	43	151216	16.10	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	120916	18.76	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	109434m	19.82	ug/l	
77) Bromobenzene	11.26	156	113714	20.51	ug/l	96
78) n-propylbenzene	11.37	91	464222	21.28	ug/l	99
79) 2-Chlorotoluene	11.42	91	276592	20.68	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	352866	22.12	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	31270	18.40	ug/l	93
82) 4-Chlorotoluene	11.51	91	339373	21.75	ug/l	99
83) tert-Butylbenzene	11.77	119	326199	20.93	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	345677	21.10	ug/l	96
85) sec-Butylbenzene	11.95	105	398804	21.09	ug/l	99
86) p-Isopropyltoluene	12.07	119	364483	21.65	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	215036	21.19	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	206935	20.08	ug/l	97
89) n-Butylbenzene	12.39	91	305991	21.34	ug/l	99
90) Hexachloroethane	12.60	117	50587	19.83	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	210004	20.60	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	25292	18.86	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	154133	22.10	ug/l	99
94) Hexachlorobutadiene	13.79	225	76824	22.88	ug/l	98
95) Naphthalene	13.84	128	426971	21.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	154214	21.49	ug/l	98

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

