

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070918\
 Data File : VX003261.D
 Acq On : 09 Jul 2018 23:10
 Operator : JC/MD
 Sample : VX0709WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:55 PM

Quant Time: Jul 10 01:23:03 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	246581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	315972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205596	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	195376	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	5.51	113	166280	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	8.72	98	617973	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	11.14	95	222852	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	80613	21.50	ug/l	98
3) Chloromethane	1.32	50	69474	20.38	ug/l	99
4) Vinyl Chloride	1.40	62	72595	20.75	ug/l	99
5) Bromomethane	1.64	94	28677	28.10	ug/l	99
6) Chloroethane	1.72	64	41256	21.29	ug/l	98
7) Trichlorofluoromethane	1.93	101	108705	20.90	ug/l	99
8) Diethyl Ether	2.19	74	38484	20.47	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	62227	20.44	ug/l	96
10) Methyl Iodide	2.51	142	58849	21.18	ug/l	97
11) Tert butyl alcohol	3.08	59	80834	114.90	ug/l	98
12) 1,1-Dichloroethene	2.37	96	56278	20.31	ug/l	93
13) Acrolein	2.29	56	52845	93.21	ug/l	99
14) Allyl chloride	2.73	41	103962	20.26	ug/l	94
15) Acrylonitrile	3.15	53	167075	106.35	ug/l	99
16) Acetone	2.45	43	154434	112.09	ug/l	96
17) Carbon Disulfide	2.57	76	152769	19.84	ug/l	96
18) Methyl Acetate	2.78	43	89665	23.07	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	191441	20.68	ug/l	97
20) Methylene Chloride	2.86	84	62565	21.76	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	60810	20.59	ug/l	93
22) Diisopropyl ether	3.88	45	207486	19.87	ug/l	96
23) Vinyl Acetate	3.83	43	862716	97.31	ug/l	98
24) 1,1-Dichloroethane	3.70	63	112266	20.66	ug/l	99
25) 2-Butanone	4.71	43	262922	107.85	ug/l	95
26) 2,2-Dichloropropane	4.59	77	68495	14.41	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	72735	20.04	ug/l	95
28) Bromochloromethane	5.02	49	57451	20.98	ug/l	88
29) Tetrahydrofuran	5.17	42	167648	105.95	ug/l	96
30) Chloroform	5.22	83	123346	20.63	ug/l	97
31) Cyclohexane	5.57	56	103516	20.34	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	108413	20.56	ug/l	98
36) 1,1-Dichloropropene	5.80	75	89126	19.93	ug/l	97
37) Ethyl Acetate	4.87	43	98819	20.15	ug/l	98
38) Carbon Tetrachloride	5.79	117	96137	19.65	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101760	19.31	ug/l	98
40) Benzene	6.15	78	269763	20.35	ug/l	100
41) Methacrylonitrile	5.07	41	55605	20.71	ug/l	97
42) 1,2-Dichloroethane	6.20	62	99236	20.04	ug/l	98
43) Isopropyl Acetate	6.47	43	154878	20.11	ug/l	98
44) Trichloroethene	7.21	130	79035	20.16	ug/l	100
45) 1,2-Dichloropropane	7.52	63	69082	20.05	ug/l	100
46) Dibromomethane	7.67	93	47419	20.19	ug/l	95
47) Bromodichloromethane	7.90	83	86911	20.05	ug/l	99
48) Methyl methacrylate	7.78	41	81733	20.70	ug/l	93
49) 1,4-Dioxane	7.76	88	34860	422.16	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	520120	108.50	ug/l	97
52) Toluene	8.79	92	174358	20.81	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	96929	19.01	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	88380	19.04	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	69725	20.06	ug/l	96
56) Ethyl methacrylate	9.18	69	95782	20.12	ug/l	91
57) 1,3-Dichloropropane	9.38	76	114864	20.51	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	249302	108.55	ug/l	97
59) 2-Hexanone	9.50	43	389734	107.04	ug/l	94
60) Dibromochloromethane	9.59	129	72929	20.09	ug/l	99
61) 1,2-Dibromoethane	9.68	107	75752	20.79	ug/l	99
64) Tetrachloroethene	9.34	164	93545	20.68	ug/l	99
65) Chlorobenzene	10.14	112	199810	19.66	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	73753	20.11	ug/l	99
67) Ethyl Benzene	10.26	91	328358	19.97	ug/l	100
68) m/p-Xylenes	10.36	106	260594	40.75	ug/l	96
69) o-Xylene	10.70	106	121682	19.64	ug/l	98
70) Styrene	10.71	104	201537	20.06	ug/l	98
71) Bromoform	10.86	173	56349	18.67	ug/l	100
73) Isopropylbenzene	11.02	105	336559	20.73	ug/l	100
74) N-amyl acetate	6.47	43	154878	20.00	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	103738	20.60	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	100190m	22.55	ug/l	
77) Bromobenzene	11.26	156	95655	20.41	ug/l	95
78) n-propylbenzene	11.37	91	370563	20.53	ug/l	98
79) 2-Chlorotoluene	11.43	91	226025	20.56	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	277578	20.54	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	22733	16.72	ug/l	95
82) 4-Chlorotoluene	11.51	91	259758	20.23	ug/l	97
83) tert-Butylbenzene	11.77	119	276973	20.51	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	286428	20.69	ug/l	97
85) sec-Butylbenzene	11.95	105	326983	20.49	ug/l	98
86) p-Isopropyltoluene	12.07	119	292813	20.14	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	170592	19.84	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	171193	19.67	ug/l	99
89) n-Butylbenzene	12.39	91	231987	19.10	ug/l	98
90) Hexachloroethane	12.60	117	42333	19.07	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	174984	20.27	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21361	19.77	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	125147	19.92	ug/l	99
94) Hexachlorobutadiene	13.79	225	61575	19.69	ug/l	98
95) Naphthalene	13.84	128	348479	21.20	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128126	20.45	ug/l	100

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

