

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072018\
 Data File : VX003523.D
 Acq On : 20 Jul 2018 22:17
 Operator : JC/SP
 Sample : VX0720WBSD03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD03

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 12:36:08 PM

Quant Time: Jul 21 03:59:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	417818	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	387195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231983	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	186085	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
35) Dibromofluoromethane	5.51	113	165014	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	8.72	98	632739	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
62) 4-Bromofluorobenzene	11.14	95	223730	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	50130	21.266	ug/l	98
3) Chloromethane	1.32	50	65881	22.337	ug/l	97
4) Vinyl Chloride	1.40	62	74346	20.093	ug/l	100
5) Bromomethane	1.64	94	37365	24.100	ug/l	100
6) Chloroethane	1.72	64	47852	21.855	ug/l	99
7) Trichlorofluoromethane	1.93	101	104160	21.100	ug/l	93
8) Diethyl Ether	2.19	74	44533	21.005	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	66092	20.456	ug/l	96
10) Methyl Iodide	2.51	142	81762	21.066	ug/l	94
11) Tert butyl alcohol	3.07	59	80942	118.640	ug/l	99
12) 1,1-Dichloroethene	2.37	96	61648	20.723	ug/l	91
13) Acrolein	2.29	56	27836	90.301	ug/l	98
14) Allyl chloride	2.73	41	115836	21.996	ug/l	87
15) Acrylonitrile	3.15	53	193562	111.437	ug/l	99
16) Acetone	2.45	43	153691	118.013	ug/l #	88
17) Carbon Disulfide	2.57	76	164971	20.504	ug/l	99
18) Methyl Acetate	2.78	43	97801	23.821	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	211826	21.806	ug/l	99
20) Methylene Chloride	2.86	84	72457	22.274	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	68631	20.735	ug/l	86
22) Diisopropyl ether	3.87	45	214371	21.633	ug/l	97
23) Vinyl Acetate	3.82	43	852926	104.492	ug/l	97
24) 1,1-Dichloroethane	3.70	63	124615	21.433	ug/l	100
25) 2-Butanone	4.71	43	243906	111.625	ug/l	93
26) 2,2-Dichloropropane	4.59	77	73717	16.694	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	75841	20.578	ug/l	92
28) Bromochloromethane	5.03	49	55172	21.710	ug/l	89
29) Tetrahydrofuran	5.17	42	163739	113.438	ug/l	94
30) Chloroform	5.21	83	123172	21.695	ug/l	99
31) Cyclohexane	5.57	56	104990	20.211	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	103542	21.298	ug/l	98
36) 1,1-Dichloropropene	5.80	75	90040	19.960	ug/l	99
37) Ethyl Acetate	4.87	43	92019	21.557	ug/l #	94
38) Carbon Tetrachloride	5.79	117	90764	20.512	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	105020	19.656	ug/l	95
40) Benzene	6.15	78	282462	20.739	ug/l	99
41) Methacrylonitrile	5.07	41	52886	21.080	ug/l	93
42) 1,2-Dichloroethane	6.20	62	91994	21.437	ug/l	95
43) Isopropyl Acetate	6.47	43	144450	21.273	ug/l	94
44) Trichloroethene	7.21	130	83086	20.455	ug/l	100
45) 1,2-Dichloropropane	7.52	63	73073	21.129	ug/l	99
46) Dibromomethane	7.67	93	47655	21.404	ug/l	97
47) Bromodichloromethane	7.90	83	85894	21.073	ug/l	96
48) Methyl methacrylate	7.78	41	73052	21.333	ug/l	85
49) 1,4-Dioxane	7.76	88	33094	426.532	ug/l #	95
51) 4-Methyl-2-Pentanone	8.65	43	491308	114.529	ug/l	93
52) Toluene	8.79	92	177938	20.755	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	102377	20.406	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	91172	20.208	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	71718	21.023	ug/l	96
56) Ethyl methacrylate	9.18	69	100187	20.850	ug/l #	85
57) 1,3-Dichloropropane	9.37	76	117037	21.224	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	240209	102.809	ug/l	98
59) 2-Hexanone	9.50	43	362912	114.180	ug/l	91
60) Dibromochloromethane	9.59	129	69609	20.614	ug/l	99
61) 1,2-Dibromoethane	9.68	107	73197	20.698	ug/l	99
64) Tetrachloroethene	9.34	164	97197	20.604	ug/l	97
65) Chlorobenzene	10.14	112	199543	20.002	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	70410	20.513	ug/l	99
67) Ethyl Benzene	10.26	91	326591	20.361	ug/l	99
68) m/p-Xylenes	10.36	106	257196	40.900	ug/l	96
69) o-Xylene	10.70	106	122582	20.159	ug/l	98
70) Styrene	10.71	104	205102	20.505	ug/l	97
71) Bromoform	10.86	173	52111	19.540	ug/l	99
73) Isopropylbenzene	11.02	105	329485	20.536	ug/l	99
74) N-amyl acetate	6.47	43	144450	21.204	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	100034	21.277	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	91802m	22.028	ug/l	
77) Bromobenzene	11.26	156	91326	19.791	ug/l	99
78) n-propylbenzene	11.36	91	371688	20.841	ug/l	99
79) 2-Chlorotoluene	11.42	91	222414	20.543	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	274383	20.810	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	24119	18.026	ug/l	96
82) 4-Chlorotoluene	11.51	91	262317	20.678	ug/l	98
83) tert-Butylbenzene	11.77	119	259139	20.069	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	281688	20.995	ug/l	98
85) sec-Butylbenzene	11.95	105	321767	20.516	ug/l	100
86) p-Isopropyltoluene	12.07	119	288242	20.478	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	164710	19.418	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	168270	19.258	ug/l	100
89) n-Butylbenzene	12.39	91	234392	19.611	ug/l	100
90) Hexachloroethane	12.60	117	37998	18.990	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	166802	19.952	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19043	20.813	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111384	18.179	ug/l	98
94) Hexachlorobutadiene	13.79	225	53179	18.047	ug/l	99
95) Naphthalene	13.83	128	327735	20.356	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116503	19.208	ug/l	100

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

