

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX080918\
 Data File : VX003962.D
 Acq On : 09 Aug 2018 20:23
 Operator : JC/MD
 Sample : J4379-14MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMSD

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 10:56:39 AM

Quant Time: Aug 10 03:08:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	485056	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	459294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	262927	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	209713	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	5.51	113	178106	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	8.72	98	671289	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
62) 4-Bromofluorobenzene	11.14	95	254576	55.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	153344	46.61	ug/l	99
3) Chloromethane	1.32	50	184046	41.12	ug/l	99
4) Vinyl Chloride	1.40	62	206605	46.28	ug/l	98
5) Bromomethane	1.64	94	79654	32.56	ug/l	98
6) Chloroethane	1.71	64	155036	54.28	ug/l	97
7) Trichlorofluoromethane	1.92	101	281556	47.77	ug/l	100
8) Diethyl Ether	2.19	74	130578	49.29	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	171930	46.67	ug/l	100
10) Methyl Iodide	2.51	142	146182	31.90	ug/l	100
11) Tert butyl alcohol	3.08	59	288458	278.93	ug/l	100
12) 1,1-Dichloroethene	2.37	96	168077	48.23	ug/l	96
13) Acrolein	2.29	56	107480	200.86	ug/l	99
14) Allyl chloride	2.72	41	318062	47.35	ug/l	96
15) Acrylonitrile	3.15	53	628710	254.78	ug/l	100
16) Acetone	2.45	43	655663	256.08	ug/l	100
17) Carbon Disulfide	2.56	76	478380	48.45	ug/l	99
18) Methyl Acetate	2.78	43	282581	50.69	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	618540	50.09	ug/l	98
20) Methylene Chloride	2.85	84	199912	49.53	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	185146	46.80	ug/l	98
22) Diisopropyl ether	3.87	45	602811	48.82	ug/l	100
23) Vinyl Acetate	3.82	43	2454615	238.92	ug/l	99
24) 1,1-Dichloroethane	3.70	63	357921	48.80	ug/l	99
25) 2-Butanone	4.71	43	1054604	273.95	ug/l	99
26) 2,2-Dichloropropane	4.59	77	193645	36.61	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	218229	50.84	ug/l	94
28) Bromochloromethane	5.02	49	158401	50.47	ug/l	99
29) Tetrahydrofuran	5.17	42	526169	265.93	ug/l	100
30) Chloroform	5.21	83	344390	49.87	ug/l	98
31) Cyclohexane	5.57	56	297601	47.98	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	293349	50.66	ug/l	100
36) 1,1-Dichloropropene	5.80	75	260568	47.96	ug/l	100
37) Ethyl Acetate	4.87	43	294193	49.23	ug/l	100
38) Carbon Tetrachloride	5.78	117	257748	49.85	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	293205	45.78	ug/l	99
40) Benzene	6.14	78	850590	52.14	ug/l	100
41) Methacrylonitrile	5.07	41	169442	51.48	ug/l	99
42) 1,2-Dichloroethane	6.20	62	274901	49.84	ug/l	100
43) Isopropyl Acetate	6.47	43	455851	50.69	ug/l	100
44) Trichloroethene	7.21	130	212312	47.59	ug/l	91
45) 1,2-Dichloropropane	7.52	63	205620	48.81	ug/l	100
46) Dibromomethane	7.67	93	134103	49.03	ug/l	99
47) Bromodichloromethane	7.90	83	259865	50.44	ug/l	100
48) Methyl methacrylate	7.78	41	241152	52.75	ug/l	98
49) 1,4-Dioxane	7.76	88	119248	1107.34	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2097834	281.43	ug/l	100
52) Toluene	8.79	92	511490	49.62	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	285241	48.98	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	301971	48.09	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	209445	49.73	ug/l	99
56) Ethyl methacrylate	9.18	69	328708	53.79	ug/l	100
57) 1,3-Dichloropropane	9.37	76	354232	50.25	ug/l	100
59) 2-Hexanone	9.50	43	1646858	295.56	ug/l	99
60) Dibromochloromethane	9.59	129	212539	54.12	ug/l	100
61) 1,2-Dibromoethane	9.68	107	221632	52.56	ug/l	99
64) Tetrachloroethene	9.34	164	189870	42.02	ug/l	95
65) Chlorobenzene	10.14	112	570387	47.73	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	203465	49.52	ug/l	98
67) Ethyl Benzene	10.26	91	968606	49.51	ug/l	99
68) m/p-Xylenes	10.36	106	767621	100.42	ug/l	97
69) o-Xylene	10.70	106	371632	51.50	ug/l	97
70) Styrene	10.71	104	613631	51.94	ug/l	98
71) Bromoform	10.86	173	172281	49.49	ug/l	99
73) Isopropylbenzene	11.02	105	985025	50.64	ug/l	96
74) N-amyl acetate	6.47	43	455851	45.07	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	341654	51.25	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	299130m	51.51	ug/l	
77) Bromobenzene	11.26	156	260415	50.19	ug/l	98
78) n-propylbenzene	11.36	91	1118215	51.20	ug/l	100
79) 2-Chlorotoluene	11.42	91	663928	49.86	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	818510	51.61	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	88182	41.69	ug/l	98
82) 4-Chlorotoluene	11.51	91	775872	49.73	ug/l	100
83) tert-Butylbenzene	11.77	119	832568	53.36	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	851494	53.39	ug/l	99
85) sec-Butylbenzene	11.95	105	970041	52.68	ug/l	100
86) p-Isopropyltoluene	12.07	119	842385	50.98	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	465778	48.56	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	467351	50.82	ug/l	99
89) n-Butylbenzene	12.39	91	670300	46.55	ug/l	99
90) Hexachloroethane	12.60	117	128623	47.94	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	440735	46.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	69976	51.24	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	337734	49.39	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	158350	52.47	ug/l	99
95) Naphthalene	13.83	128	1452464	74.17	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	367771	53.90	ug/l	99

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

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