

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092718\
 Data File : VX004808.D
 Acq On : 28 Sep 2018 07:17
 Operator : JC/MD
 Sample : J5020-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-091918MS

Manual Integrations
 APPROVED

MMDadoda
 9/28/2018 2:26:11 PM

Quant Time: Sep 28 08:41:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	235460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205057	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177185	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
35) Dibromofluoromethane	5.50	113	142731	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	8.71	98	524977	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
62) 4-Bromofluorobenzene	11.14	95	193859	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	159727	49.753	ug/l 95
3) Chloromethane	1.32	50	208172	53.446	ug/l 100
4) Vinyl Chloride	1.40	62	203814	55.791	ug/l 97
5) Bromomethane	1.64	94	87017	40.169	ug/l 97
6) Chloroethane	1.71	64	138726	70.642	ug/l 100
7) Trichlorofluoromethane	1.92	101	246224	54.443	ug/l 96
8) Diethyl Ether	2.19	74	104776	53.328	ug/l 88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	117263	45.518	ug/l 99
10) Methyl Iodide	2.51	142	126509	36.698	ug/l 98
11) Tert butyl alcohol	3.07	59	241134	256.395	ug/l 100
12) 1,1-Dichloroethene	2.37	96	136305	53.426	ug/l 93
13) Acrolein	2.29	56	143893	215.039	ug/l 93
14) Allyl chloride	2.73	41	296961	53.346	ug/l 95
15) Acrylonitrile	3.15	53	548988	265.166	ug/l 97
16) Acetone	2.45	43	494945	252.046	ug/l 95
17) Carbon Disulfide	2.57	76	415237	54.164	ug/l 99
18) Methyl Acetate	2.78	43	268180	53.903	ug/l 93
19) Methyl tert-butyl Ether	3.20	73	524221	59.569	ug/l 97
20) Methylene Chloride	2.85	84	163297	57.317	ug/l 95
21) trans-1,2-Dichloroethene	3.16	96	150225	53.789	ug/l 97
22) Diisopropyl ether	3.87	45	530053	56.546	ug/l 94
23) Vinyl Acetate	3.82	43	2205268	257.012	ug/l 96
24) 1,1-Dichloroethane	3.70	63	280085	50.090	ug/l 99
25) 2-Butanone	4.70	43	744011	257.038	ug/l 93
26) 2,2-Dichloropropane	4.58	77	133985	34.410	ug/l 94
27) cis-1,2-Dichloroethene	4.60	96	173889	55.734	ug/l 95
28) Bromochloromethane	5.01	49	139168	52.852	ug/l 90
29) Tetrahydrofuran	5.15	42	482805	268.363	ug/l 92
30) Chloroform	5.21	83	272262	51.520	ug/l 96
31) Cyclohexane	5.57	56	227541	53.168	ug/l 90
32) 1,1,1-Trichloroethane	5.49	97	232374	53.842	ug/l 99
36) 1,1-Dichloropropene	5.79	75	206433	51.109	ug/l 100
37) Ethyl Acetate	4.86	43	258616	48.236	ug/l 98
38) Carbon Tetrachloride	5.78	117	208276	49.054	ug/l 88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	192012	46.555	ug/l	95
40) Benzene	6.14	78	635728	50.274	ug/l	100
41) Methacrylonitrile	5.06	41	149237	50.191	ug/l	96
42) 1,2-Dichloroethane	6.20	62	223486	49.995	ug/l	97
43) Isopropyl Acetate	6.46	43	404143	52.225	ug/l	95
44) Trichloroethene	7.21	130	159446	51.292	ug/l	92
45) 1,2-Dichloropropane	7.52	63	166387	53.656	ug/l	100
46) Dibromomethane	7.66	93	105448	54.108	ug/l	97
47) Bromodichloromethane	7.90	83	205787	56.399	ug/l	100
48) Methyl methacrylate	7.77	41	212132	60.395	ug/l	95
49) 1,4-Dioxane	7.76	88	80622	923.909	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	1410564	289.493	ug/l	96
52) Toluene	8.79	92	386680	55.651	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	214839	52.104	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	227711	52.726	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	160022	52.577	ug/l	97
56) Ethyl methacrylate	9.18	69	254822	51.503	ug/l	95
57) 1,3-Dichloropropane	9.37	76	271056	53.510	ug/l	100
59) 2-Hexanone	9.50	43	1110880	273.590	ug/l	94
60) Dibromochloromethane	9.59	129	163980	53.873	ug/l	99
61) 1,2-Dibromoethane	9.68	107	166612	51.115	ug/l	100
64) Tetrachloroethene	9.34	164	142604	43.072	ug/l	97
65) Chlorobenzene	10.14	112	424916	49.260	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	154098	50.815	ug/l	99
67) Ethyl Benzene	10.26	91	724514	52.904	ug/l	99
68) m/p-Xylenes	10.36	106	568156	106.166	ug/l	94
69) o-Xylene	10.70	106	273650	55.672	ug/l	96
70) Styrene	10.71	104	458469	49.875	ug/l	97
71) Bromoform	10.86	173	134246	51.708	ug/l #	99
73) Isopropylbenzene	11.02	105	800508	61.935	ug/l	99
74) N-amyl acetate	10.90	43	347611	48.968	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	266223	50.600	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	236088m	51.367	ug/l	
77) Bromobenzene	11.26	156	195709	52.131	ug/l	97
78) n-propylbenzene	11.36	91	854011	57.587	ug/l	100
79) 2-Chlorotoluene	11.42	91	498431	53.921	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	612985	51.752	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	66136	39.674	ug/l	99
82) 4-Chlorotoluene	11.51	91	590003	54.227	ug/l	100
83) tert-Butylbenzene	11.77	119	629685	59.172	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	633278	51.844	ug/l	98
85) sec-Butylbenzene	11.94	105	783941	60.481	ug/l	99
86) p-Isopropyltoluene	12.07	119	639801	54.481	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	358135	51.088	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	362010	50.026	ug/l	99
89) n-Butylbenzene	12.39	91	575418	53.952	ug/l	98
90) Hexachloroethane	12.60	117	104281	53.334	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	366194	49.986	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	65120	56.370	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	275471	53.604	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	115390	43.301	ug/l	97
95) Naphthalene	13.83	128	905194	53.026	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	281055	52.943	ug/l	98

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

