

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX093019\
 Data File : VX012716.D
 Acq On : 30 Sep 2019 19:26
 Operator : JC/SP
 Sample : K5081-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-MW10I-20190925MS

Manual Integrations
 APPROVED

MMDadoda
 10/1/2019 10:07:49 AM

Quant Time: Oct 01 04:49:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	172494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	306787	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124112	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	121158	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
35) Dibromofluoromethane	5.48	113	91442	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	8.71	98	347627	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.14	95	132821	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	89764	46.258	ug/l	98
3) Chloromethane	1.31	50	103774	46.572	ug/l	99
4) Vinyl Chloride	1.40	62	109099	49.259	ug/l	98
5) Bromomethane	1.62	94	36918	42.395	ug/l	99
6) Chloroethane	1.70	64	68060	45.583	ug/l	94
7) Trichlorofluoromethane	1.91	101	150879	48.520	ug/l	99
8) Diethyl Ether	2.18	74	63189	49.585	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	94571	49.932	ug/l	96
10) Methyl Iodide	2.50	142	95099	47.893	ug/l	93
11) Tert butyl alcohol	3.04	59	171491	273.303	ug/l	99
12) 1,1-Dichloroethene	2.36	96	95825	51.668	ug/l	97
13) Acrolein	2.28	56	102999	292.840	ug/l	99
14) Allyl chloride	2.72	41	184032	50.015	ug/l	97
15) Acrylonitrile	3.13	53	334252	262.567	ug/l	99
16) Acetone	2.44	43	302281	227.197	ug/l	97
17) Carbon Disulfide	2.56	76	243811	46.893	ug/l	99
18) Methyl Acetate	2.76	43	150657	48.090	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	362814	51.684	ug/l	99
20) Methylene Chloride	2.84	84	112626	50.049	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	104113	50.672	ug/l	97
22) Diisopropyl ether	3.84	45	359818	50.608	ug/l	96
23) Vinyl Acetate	3.80	43	1498278	240.299	ug/l	97
24) 1,1-Dichloroethane	3.69	63	201728	52.197	ug/l	99
25) 2-Butanone	4.66	43	474110	248.524	ug/l	96
26) 2,2-Dichloropropane	4.57	77	136012	39.569	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	119415	50.089	ug/l	94
28) Bromochloromethane	5.01	49	68373	48.723	ug/l	97
29) Tetrahydrofuran	5.11	42	307724	264.651	ug/l	98
30) Chloroform	5.20	83	197889	50.048	ug/l	99
31) Cyclohexane	5.57	56	173626	49.659	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	177031	50.518	ug/l	99
36) 1,1-Dichloropropene	5.79	75	146438	49.521	ug/l	99
37) Ethyl Acetate	4.82	43	168902	48.856	ug/l	99
38) Carbon Tetrachloride	5.77	117	148891	49.566	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	171751	48.245	ug/l	95
40) Benzene	6.13	78	441196	50.708	ug/l	97
41) Methacrylonitrile	5.03	41	96806	49.908	ug/l	94
42) 1,2-Dichloroethane	6.18	62	165253	50.016	ug/l	99
43) Isopropyl Acetate	6.43	43	277536	48.005	ug/l	98
44) Trichloroethene	7.20	130	110995	49.902	ug/l	97
45) 1,2-Dichloropropane	7.51	63	113354	50.887	ug/l	100
46) Dibromomethane	7.65	93	76009	50.116	ug/l	97
47) Bromodichloromethane	7.89	83	154273	50.895	ug/l	98
48) Methyl methacrylate	7.76	41	139659	50.379	ug/l	94
49) 1,4-Dioxane	7.73	88	70432	1120.141	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	910126	255.024	ug/l	96
52) Toluene	8.78	92	277962	50.831	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	165169	49.249	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	181736	49.631	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	113928	52.403	ug/l	99
56) Ethyl methacrylate	9.17	69	189283	51.823	ug/l	92
57) 1,3-Dichloropropane	9.37	76	194606	51.145	ug/l	99
59) 2-Hexanone	9.48	43	713714	261.272	ug/l	95
60) Dibromochloromethane	9.58	129	115751	52.595	ug/l	99
61) 1,2-Dibromoethane	9.67	107	118690	52.457	ug/l	100
64) Tetrachloroethene	9.33	164	97585	51.011	ug/l	95
65) Chlorobenzene	10.14	112	287958	49.838	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	107920	51.551	ug/l	98
67) Ethyl Benzene	10.25	91	531162	50.686	ug/l	98
68) m/p-Xylenes	10.35	106	393069	100.129	ug/l	99
69) o-Xylene	10.70	106	190434	50.134	ug/l	98
70) Stvrene	10.71	104	331890	52.119	ug/l	99
71) Bromoform	10.85	173	78316	53.726	ug/l	99
73) Isopropylbenzene	11.01	105	511848	50.635	ug/l	100
74) N-amyl acetate	10.89	43	235069	48.745	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	173893	51.943	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	169211m	51.541	ug/l	
77) Bromobenzene	11.25	156	117346	51.291	ug/l	98
78) n-propylbenzene	11.35	91	567754	49.889	ug/l	100
79) 2-Chlorotoluene	11.42	91	350413	49.359	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	436486	51.492	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	54908	47.929	ug/l	99
82) 4-Chlorotoluene	11.51	91	398197	49.203	ug/l	99
83) tert-Butylbenzene	11.77	119	423162	51.750	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	434198	50.776	ug/l	99
85) sec-Butylbenzene	11.94	105	481977	50.677	ug/l	100
86) p-Isopropyltoluene	12.06	119	446244	51.999	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	209234	50.819	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	210219	50.528	ug/l	100
89) n-Butylbenzene	12.39	91	366346	48.445	ug/l	100
90) Hexachloroethane	12.59	117	78850	51.537	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	211773	51.377	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45317	54.114	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	124137	49.383	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	55177	51.022	ug/l	99
95) Naphthalene	13.83	128	458865	50.453	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	127017	50.441	ug/l	99

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

