

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX093019\
 Data File : VX012717.D
 Acq On : 30 Sep 2019 19:49
 Operator : JC/SP
 Sample : K5081-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-MW10I-20190925MSD

Manual Integrations
 APPROVED

MMDadoda
 10/1/2019 10:07:53 AM

Quant Time: Oct 01 04:50:40 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	174241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	314093	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	128132	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	121796	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
35) Dibromofluoromethane	5.49	113	92870	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
50) Toluene-d8	8.71	98	348377	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.14	95	135185	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	87762	44.773	ug/l	100
3) Chloromethane	1.31	50	100235	44.532	ug/l	97
4) Vinyl Chloride	1.40	62	105751	47.268	ug/l	97
5) Bromomethane	1.62	94	40360	45.883	ug/l	99
6) Chloroethane	1.70	64	69845	46.310	ug/l	97
7) Trichlorofluoromethane	1.91	101	148168	47.170	ug/l	98
8) Diethyl Ether	2.18	74	61036	47.416	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92436	48.315	ug/l	96
10) Methyl Iodide	2.50	142	97375	48.480	ug/l	95
11) Tert butyl alcohol	3.04	59	167485	264.242	ug/l	100
12) 1,1-Dichloroethene	2.36	96	93270	49.787	ug/l	98
13) Acrolein	2.28	56	101512	285.967	ug/l	98
14) Allyl chloride	2.72	41	178483	48.020	ug/l	96
15) Acrylonitrile	3.13	53	327598	254.760	ug/l	98
16) Acetone	2.44	43	292864	217.912	ug/l	97
17) Carbon Disulfide	2.56	76	245287	46.704	ug/l	99
18) Methyl Acetate	2.76	43	144294	45.597	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	351108	49.515	ug/l	97
20) Methylene Chloride	2.84	84	109728	48.272	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	101889	49.092	ug/l	93
22) Diisopropyl ether	3.84	45	351384	48.926	ug/l	97
23) Vinyl Acetate	3.80	43	1450978	230.380	ug/l	97
24) 1,1-Dichloroethane	3.69	63	195454	50.066	ug/l	100
25) 2-Butanone	4.66	43	461401	239.437	ug/l	96
26) 2,2-Dichloropropane	4.58	77	132665	38.209	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	119282	49.532	ug/l	92
28) Bromochloromethane	5.00	49	68492	48.319	ug/l	97
29) Tetrahydrofuran	5.12	42	297691	253.455	ug/l	98
30) Chloroform	5.20	83	193662	48.488	ug/l	96
31) Cyclohexane	5.57	56	172403	48.815	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	173258	48.946	ug/l	99
36) 1,1-Dichloropropene	5.79	75	142267	46.991	ug/l	98
37) Ethyl Acetate	4.82	43	163465	46.183	ug/l	98
38) Carbon Tetrachloride	5.78	117	145890	47.437	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	169247	46.436	ug/l	97
40) Benzene	6.13	78	433456	48.660	ug/l	98
41) Methacrylonitrile	5.03	41	96387	48.536	ug/l	96
42) 1,2-Dichloroethane	6.18	62	160090	47.327	ug/l	98
43) Isopropyl Acetate	6.43	43	268960	45.439	ug/l	98
44) Trichloroethene	7.20	130	108459	47.627	ug/l	91
45) 1,2-Dichloropropane	7.51	63	111696	48.976	ug/l	100
46) Dibromomethane	7.65	93	74334	47.872	ug/l	98
47) Bromodichloromethane	7.89	83	151038	48.669	ug/l	99
48) Methyl methacrylate	7.76	41	136894	48.233	ug/l	93
49) 1,4-Dioxane	7.73	88	69347	1077.232	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	896852	245.459	ug/l	96
52) Toluene	8.78	92	272433	48.661	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	164137	47.803	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	177981	47.475	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	111457	50.074	ug/l	98
56) Ethyl methacrylate	9.17	69	184616	49.370	ug/l	93
57) 1,3-Dichloropropane	9.37	76	188996	48.515	ug/l	99
59) 2-Hexanone	9.49	43	701514	250.832	ug/l	95
60) Dibromochloromethane	9.58	129	114180	50.674	ug/l	99
61) 1,2-Dibromoethane	9.67	107	116368	50.234	ug/l	99
64) Tetrachloroethene	9.33	164	94454	49.047	ug/l	91
65) Chlorobenzene	10.14	112	281641	48.422	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	105721	50.166	ug/l	98
67) Ethyl Benzene	10.25	91	518501	49.150	ug/l	99
68) m/p-Xylenes	10.35	106	388590	98.332	ug/l	100
69) o-Xylene	10.70	106	188660	49.337	ug/l	99
70) Stvrene	10.71	104	330221	51.513	ug/l	98
71) Bromoform	10.85	173	77365	52.722	ug/l #	98
73) Isopropylbenzene	11.01	105	506258	48.511	ug/l	100
74) N-amyl acetate	10.89	43	230891	46.376	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	176543	51.080	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	168292m	49.652	ug/l	
77) Bromobenzene	11.25	156	115352	48.838	ug/l	100
78) n-propylbenzene	11.35	91	566893	48.250	ug/l	100
79) 2-Chlorotoluene	11.42	91	342871	46.781	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	431459	49.302	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	54629	46.189	ug/l	97
82) 4-Chlorotoluene	11.51	91	410884	49.178	ug/l	98
83) tert-Butylbenzene	11.76	119	415822	49.257	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	432734	49.017	ug/l	99
85) sec-Butylbenzene	11.94	105	478908	48.774	ug/l	99
86) p-Isopropyltoluene	12.06	119	439065	49.558	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	207835	48.896	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	211910	49.337	ug/l	99
89) n-Butylbenzene	12.39	91	363187	46.520	ug/l	99
90) Hexachloroethane	12.59	117	78561	49.737	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	215067	50.539	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44907	51.942	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	126679	48.813	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	55519	49.728	ug/l	99
95) Naphthalene	13.83	128	463980	49.415	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	127062	48.876	ug/l	97

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

