

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050619\
 Data File : VX009363.D
 Acq On : 06 May 2019 20:10
 Operator : JC/SP
 Sample : K2697-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4-20190502MS

Manual Integrations
 APPROVED

MMDadoda
 5/7/2019 9:42:09 AM

Quant Time: May 07 08:18:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 04 07:18:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	162181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	266385	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	244286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120376	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109652	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	5.49	113	82238	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	8.71	98	331433	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.13	95	120295	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67939	45.459	ug/l	100
3) Chloromethane	1.32	50	95192	46.653	ug/l	98
4) Vinyl Chloride	1.41	62	93652	47.069	ug/l	97
5) Bromomethane	1.64	94	46997	39.354	ug/l	98
6) Chloroethane	1.71	64	60646	47.475	ug/l	99
7) Trichlorofluoromethane	1.92	101	117290	48.496	ug/l	99
8) Diethyl Ether	2.19	74	56495	49.314	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71684	47.199	ug/l	99
10) Methyl Iodide	2.51	142	63703	37.377	ug/l	99
11) Tert butyl alcohol	3.06	59	147377	287.577	ug/l	98
12) 1,1-Dichloroethene	2.37	96	72710	47.781	ug/l	99
13) Acrolein	2.29	56	102456	220.755	ug/l	100
14) Allyl chloride	2.73	41	171767	46.318	ug/l	99
15) Acrylonitrile	3.14	53	321693	256.728	ug/l	100
16) Acetone	2.45	43	275222	231.510	ug/l	99
17) Carbon Disulfide	2.56	76	188912	44.217	ug/l	100
18) Methyl Acetate	2.78	43	133376	47.175	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	292619	49.519	ug/l	99
20) Methylene Chloride	2.85	84	90446	46.988	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	78301	47.446	ug/l	100
22) Diisopropyl ether	3.86	45	350479	49.143	ug/l	93
23) Vinyl Acetate	3.82	43	1459332	238.959	ug/l	100
24) 1,1-Dichloroethane	3.70	63	169428	48.158	ug/l	100
25) 2-Butanone	4.68	43	477843	258.660	ug/l	99
26) 2,2-Dichloropropane	4.58	77	98648	37.670	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	95461	48.461	ug/l	96
28) Bromochloromethane	5.02	49	71742	50.695	ug/l	100
29) Tetrahydrofuran	5.13	42	315117	265.076	ug/l	100
30) Chloroform	5.21	83	157887	49.619	ug/l	99
31) Cyclohexane	5.58	56	153028	46.752	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	128704	48.588	ug/l	99
36) 1,1-Dichloropropene	5.80	75	115092	46.491	ug/l	99
37) Ethyl Acetate	4.84	43	163516	47.407	ug/l	100
38) Carbon Tetrachloride	5.79	117	105744	47.014	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	136625	44.939	ug/l	99
40) Benzene	6.14	78	363218	47.409	ug/l	98
41) Methacrylonitrile	5.04	41	100228	48.816	ug/l	99
42) 1,2-Dichloroethane	6.20	62	133480	48.569	ug/l	99
43) Isopropyl Acetate	6.45	43	266803	48.359	ug/l	100
44) Trichloroethene	7.21	130	84694	45.727	ug/l	98
45) 1,2-Dichloropropane	7.51	63	105019	48.409	ug/l	98
46) Dibromomethane	7.66	93	59986	47.616	ug/l	99
47) Bromodichloromethane	7.90	83	121525	48.360	ug/l	98
48) Methyl methacrylate	7.77	41	139856	51.095	ug/l	99
49) 1,4-Dioxane	7.74	88	55970	1008.290	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	946914	262.585	ug/l	100
52) Toluene	8.79	92	223127	47.911	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	134947	47.564	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	147762	47.054	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	92696	48.788	ug/l	96
56) Ethyl methacrylate	9.18	69	169720	50.041	ug/l	100
57) 1,3-Dichloropropane	9.37	76	161237	48.224	ug/l	100
59) 2-Hexanone	9.49	43	743101	262.376	ug/l	100
60) Dibromochloromethane	9.58	129	92728	49.969	ug/l	100
61) 1,2-Dibromoethane	9.67	107	93538	48.771	ug/l	99
64) Tetrachloroethene	9.34	164	77244	46.097	ug/l	96
65) Chlorobenzene	10.14	112	230524	47.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	84575	47.737	ug/l	99
67) Ethyl Benzene	10.25	91	426480	47.420	ug/l	100
68) m/p-Xylenes	10.36	106	312397	95.053	ug/l	99
69) o-Xylene	10.70	106	154209	47.556	ug/l	100
70) Stvrene	10.71	104	269256	47.774	ug/l	99
71) Bromoform	10.86	173	72271	50.197	ug/l #	99
73) Isopropylbenzene	11.02	105	409827	46.818	ug/l	99
74) N-amyl acetate	10.90	43	240492	47.123	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	162945	49.934	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	136929m	49.038	ug/l	
77) Bromobenzene	11.26	156	102072	46.980	ug/l	99
78) n-propylbenzene	11.36	91	471441	47.158	ug/l	100
79) 2-Chlorotoluene	11.42	91	282838	45.858	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	348240	47.247	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49756	45.593	ug/l	99
82) 4-Chlorotoluene	11.51	91	324114	46.517	ug/l	99
83) tert-Butylbenzene	11.77	119	338747	47.245	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	351416	47.500	ug/l	100
85) sec-Butylbenzene	11.94	105	397499	46.761	ug/l	100
86) p-Isopropyltoluene	12.06	119	362998	47.500	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	183169	47.291	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	183788	47.066	ug/l	99
89) n-Butylbenzene	12.38	91	328786	47.601	ug/l	100
90) Hexachloroethane	12.60	117	61815	47.479	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	189318	47.989	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37430	51.132	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	132233	49.016	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	65964	47.882	ug/l	99
95) Naphthalene	13.83	128	445583	50.768	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	135451	49.532	ug/l	100

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

