

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070819\
 Data File : VX010734.D
 Acq On : 09 Jul 2019 07:00
 Operator : JC/SP
 Sample : K3691-09MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MS

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:24:17 AM

Quant Time: Jul 09 08:15:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	205583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	317358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	291948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154461	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	100256	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
35) Dibromofluoromethane	5.49	113	96607	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	8.71	98	354776	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
62) 4-Bromofluorobenzene	11.13	95	132602	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	86033	60.194	ug/l	100
3) Chloromethane	1.32	50	92608	55.644	ug/l	97
4) Vinyl Chloride	1.41	62	224922	123.386	ug/l	98
5) Bromomethane	1.64	94	46690	52.574	ug/l	98
6) Chloroethane	1.71	64	61722	57.390	ug/l	97
7) Trichlorofluoromethane	1.93	101	167636	58.011	ug/l	99
8) Diethyl Ether	2.19	74	59126	57.055	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	93917	53.630	ug/l	99
10) Methyl Iodide	2.51	142	103688	41.488	ug/l	98
11) Tert butyl alcohol	3.05	59	121165	240.228	ug/l	99
12) 1,1-Dichloroethene	2.37	96	96720	54.278	ug/l	97
13) Acrolein	2.29	56	72919	217.935	ug/l	100
14) Allyl chloride	2.73	41	130993	51.779	ug/l	98
15) Acrylonitrile	3.14	53	281971	282.364	ug/l	100
16) Acetone	2.45	43	229007	237.061	ug/l	98
17) Carbon Disulfide	2.57	76	237460	49.670	ug/l	100
18) Methyl Acetate	2.78	43	107989	56.088	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	310985	55.475	ug/l	97
20) Methylene Chloride	2.85	84	109752	55.206	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	102947	53.716	ug/l	96
22) Diisopropyl ether	3.85	45	296888	56.129	ug/l	97
23) Vinyl Acetate	3.82	43	1321056	289.107	ug/l	99
24) 1,1-Dichloroethane	3.70	63	185570	60.695	ug/l	100
25) 2-Butanone	4.67	43	377811	266.620	ug/l	100
26) 2,2-Dichloropropane	4.59	77	75777	28.531	ug/l	89
27) cis-1,2-Dichloroethene	4.60	96	185141	83.597	ug/l	95
28) Bromochloromethane	5.02	49	74090	50.684	ug/l	94
29) Tetrahydrofuran	5.13	42	244046	278.044	ug/l	100
30) Chloroform	5.21	83	180905	54.992	ug/l	99
31) Cyclohexane	5.58	56	152529	54.783	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	156820	53.988	ug/l	99
36) 1,1-Dichloropropene	5.80	75	129688	51.425	ug/l	99
37) Ethyl Acetate	4.84	43	144731	55.785	ug/l	99
38) Carbon Tetrachloride	5.79	117	137877	50.488	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	165349	49.880	ug/l	100
40) Benzene	6.14	78	455633	57.991	ug/l	98
41) Methacrylonitrile	5.04	41	77252	54.268	ug/l	100
42) 1,2-Dichloroethane	6.19	62	139599	58.369	ug/l	99
43) Isopropyl Acetate	6.45	43	231674	53.973	ug/l	98
44) Trichloroethene	7.21	130	120142	51.103	ug/l	99
45) 1,2-Dichloropropane	7.51	63	104228	52.532	ug/l	98
46) Dibromomethane	7.66	93	76046	53.420	ug/l	96
47) Bromodichloromethane	7.90	83	134311	51.484	ug/l	99
48) Methyl methacrylate	7.77	41	109757	55.011	ug/l	99
49) 1,4-Dioxane	7.74	88	54919	955.509	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	775738	282.572	ug/l	98
52) Toluene	8.78	92	270431	52.267	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	133651	45.695	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	151181	47.564	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	111781	52.384	ug/l	99
56) Ethyl methacrylate	9.18	69	175168	54.189	ug/l	97
57) 1,3-Dichloropropane	9.37	76	177168	53.486	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	354741	231.067	ug/l	99
59) 2-Hexanone	9.49	43	599699	277.557	ug/l	99
60) Dibromochloromethane	9.58	129	120530	50.447	ug/l	100
61) 1,2-Dibromoethane	9.67	107	122125	53.022	ug/l	100
64) Tetrachloroethene	9.34	164	109158	46.227	ug/l	98
65) Chlorobenzene	10.14	112	1125553	189.899	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	112541	52.127	ug/l	99
67) Ethyl Benzene	10.25	91	524083	52.376	ug/l	100
68) m/p-Xylenes	10.36	106	400246	103.231	ug/l	97
69) o-Xylene	10.69	106	200942	52.701	ug/l	99
70) Styrene	10.71	104	342865	53.621	ug/l	99
71) Bromoform	10.85	173	91119	48.533	ug/l #	99
73) Isopropylbenzene	11.02	105	527041	50.336	ug/l	98
74) N-amyl acetate	10.90	43	219738	55.531	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	180466	52.044	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	143737m	51.067	ug/l	
77) Bromobenzene	11.26	156	145511	49.770	ug/l	99
78) n-propylbenzene	11.36	91	586689	50.983	ug/l	100
79) 2-Chlorotoluene	11.42	91	345483	50.417	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	445509	51.613	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43936	36.415	ug/l	91
82) 4-Chlorotoluene	11.51	91	404505	51.877	ug/l	100
83) tert-Butylbenzene	11.77	119	439896	50.776	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	449945	51.884	ug/l	100
85) sec-Butylbenzene	11.94	105	517549	50.879	ug/l	100
86) p-Isopropyltoluene	12.06	119	476706	50.665	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	274853	53.856	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	292131	56.227	ug/l	99
89) n-Butylbenzene	12.38	91	400978	50.152	ug/l	100
90) Hexachloroethane	12.60	117	76757	47.179	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	292161	57.600	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37550	50.226	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	174254	49.539	ug/l	99
94) Hexachlorobutadiene	13.78	225	80914	47.067	ug/l	99
95) Naphthalene	13.83	128	559639	51.773	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	178882	51.149	ug/l	99

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

