

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070219\
 Data File : VX010629.D
 Acq On : 02 Jul 2019 19:54
 Operator : JC/SP
 Sample : K3638-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MS

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 9:29:49 AM

Quant Time: Jul 03 04:09:03 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	5.66	168	212032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	325193	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	296826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153297	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110447	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	
35) Dibromofluoromethane	5.50	113	107046	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	
50) Toluene-d8	8.71	98	389402	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.13	95	141698	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61698	41.855	ug/l	100
3) Chloromethane	1.32	50	66039	38.473	ug/l	99
4) Vinyl Chloride	1.41	62	77755	41.357	ug/l	96
5) Bromomethane	1.64	94	26188	28.591	ug/l	97
6) Chloroethane	1.72	64	53073	47.847	ug/l	94
7) Trichlorofluoromethane	1.93	101	142836	47.925	ug/l	99
8) Diethyl Ether	2.19	74	52945	49.536	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81584	45.171	ug/l	99
10) Methyl Iodide	2.51	142	56218	21.810	ug/l	97
11) Tert butyl alcohol	3.05	59	108719	208.996	ug/l	99
12) 1,1-Dichloroethene	2.37	96	83389	45.373	ug/l	96
13) Acrolein	2.29	56	100263	290.545	ug/l	98
14) Allyl chloride	2.73	41	121021	46.382	ug/l	98
15) Acrylonitrile	3.14	53	262944	255.302	ug/l	100
16) Acetone	2.45	43	210781	211.557	ug/l	99
17) Carbon Disulfide	2.57	76	188261	38.182	ug/l	98
18) Methyl Acetate	2.78	43	94684	47.682	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	287305	49.692	ug/l	98
20) Methylene Chloride	2.85	84	97523	47.563	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	89646	45.353	ug/l	98
22) Diisopropyl ether	3.85	45	273041	50.051	ug/l	97
23) Vinyl Acetate	3.82	43	1070890	227.232	ug/l	99
24) 1,1-Dichloroethane	3.70	63	154689	49.056	ug/l	99
25) 2-Butanone	4.67	43	350962	240.140	ug/l	98
26) 2,2-Dichloropropane	4.59	77	102334	37.358	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	107389	47.015	ug/l	99
28) Bromochloromethane	5.01	49	78700	52.200	ug/l	97
29) Tetrahydrofuran	5.13	42	227918	251.771	ug/l	99
30) Chloroform	5.21	83	164642	48.526	ug/l	94
31) Cyclohexane	5.58	56	129552	45.115	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	144459	48.220	ug/l	99
36) 1,1-Dichloropropene	5.80	75	114323	44.240	ug/l	100
37) Ethyl Acetate	4.83	43	120055	45.159	ug/l	98
38) Carbon Tetrachloride	5.79	117	124167	44.372	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	140639	41.403	ug/l	99
40) Benzene	6.14	78	373238	46.360	ug/l	100
41) Methacrylonitrile	5.04	41	73133	50.137	ug/l	98
42) 1,2-Dichloroethane	6.20	62	124983	50.999	ug/l	97
43) Isopropyl Acetate	6.45	43	202449	46.028	ug/l	98
44) Trichloroethene	7.21	130	107390	44.578	ug/l	98
45) 1,2-Dichloropropane	7.51	63	95912	47.176	ug/l	100
46) Dibromomethane	7.66	93	69977	47.973	ug/l	96
47) Bromodichloromethane	7.90	83	127147	47.563	ug/l	98
48) Methyl methacrylate	7.77	41	102566	50.168	ug/l	99
49) 1,4-Dioxane	7.74	88	48088	816.502	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	706444	251.131	ug/l	99
52) Toluene	8.79	92	241038	45.463	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	132359	44.163	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	144898	44.489	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	105213	48.118	ug/l	99
56) Ethyl methacrylate	9.18	69	159379	48.116	ug/l	96
57) 1,3-Dichloropropane	9.37	76	162978	48.016	ug/l	100
59) 2-Hexanone	9.49	43	537721	242.876	ug/l	98
60) Dibromochloromethane	9.58	129	113560	46.384	ug/l	100
61) 1,2-Dibromoethane	9.67	107	112814	47.799	ug/l	99
64) Tetrachloroethene	9.33	164	91003	37.905	ug/l	98
65) Chlorobenzene	10.13	112	278717	46.251	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	103739	47.261	ug/l	99
67) Ethyl Benzene	10.25	91	471849	46.380	ug/l	99
68) m/p-Xylenes	10.36	106	361370	91.673	ug/l	99
69) o-Xylene	10.70	106	180805	46.641	ug/l	99
70) Stvrene	10.71	104	307381	47.281	ug/l	99
71) Bromoform	10.85	173	85549	44.817	ug/l	97
73) Isopropylbenzene	11.02	105	479416	46.135	ug/l	98
74) N-amyl acetate	10.90	43	175076	44.580	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	167417	48.647	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	130787m	46.819	ug/l	
77) Bromobenzene	11.26	156	131270	45.240	ug/l	98
78) n-propylbenzene	11.36	91	528607	46.284	ug/l	99
79) 2-Chlorotoluene	11.42	91	312630	45.969	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	393972	45.989	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45809	38.256	ug/l	91
82) 4-Chlorotoluene	11.51	91	360594	46.597	ug/l	99
83) tert-Butylbenzene	11.77	119	415411	48.314	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	400500	46.533	ug/l	99
85) sec-Butylbenzene	11.94	105	463790	45.940	ug/l	100
86) p-Isopropyltoluene	12.06	119	431775	46.238	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	227687	44.953	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	229320	44.473	ug/l	99
89) n-Butylbenzene	12.38	91	363807	45.848	ug/l	99
90) Hexachloroethane	12.60	117	70641	43.750	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	227917	45.276	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	33934	45.734	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	155785	44.625	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	73317	42.972	ug/l	99
95) Naphthalene	13.83	128	496602	46.290	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	156861	45.193	ug/l	99

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

