

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070219\
 Data File : VX010630.D
 Acq On : 02 Jul 2019 20:17
 Operator : JC/SP
 Sample : K3638-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MWHR2-6-070119MSD

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 9:29:54 AM

Quant Time: Jul 03 04:10:25 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	208795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	322632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	294057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108722	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	
35) Dibromofluoromethane	5.50	113	103711	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
50) Toluene-d8	8.71	98	374522	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	139624	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60380	41.595	ug/l	99
3) Chloromethane	1.32	50	74632	44.153	ug/l	99
4) Vinyl Chloride	1.41	62	82805	44.726	ug/l	99
5) Bromomethane	1.64	94	33296	36.915	ug/l	99
6) Chloroethane	1.71	64	55822	51.106	ug/l	100
7) Trichlorofluoromethane	1.93	101	147680	50.319	ug/l	97
8) Diethyl Ether	2.19	74	58640	55.715	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81014	45.550	ug/l	98
10) Methyl Iodide	2.51	142	81221	31.999	ug/l	97
11) Tert butyl alcohol	3.05	59	123139	240.386	ug/l	98
12) 1,1-Dichloroethene	2.37	96	89252	49.316	ug/l	99
13) Acrolein	2.29	56	98067	288.587	ug/l	100
14) Allyl chloride	2.73	41	133112	51.807	ug/l	98
15) Acrylonitrile	3.14	53	284978	280.985	ug/l	99
16) Acetone	2.45	43	227845	232.230	ug/l	97
17) Carbon Disulfide	2.57	76	204227	42.062	ug/l	100
18) Methyl Acetate	2.78	43	101926	52.125	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	319469	56.112	ug/l	99
20) Methylene Chloride	2.85	84	107061	53.024	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	96652	49.656	ug/l	98
22) Diisopropyl ether	3.85	45	295666	55.038	ug/l	96
23) Vinyl Acetate	3.82	43	1184544	255.245	ug/l	99
24) 1,1-Dichloroethane	3.70	63	167940	54.083	ug/l	99
25) 2-Butanone	4.67	43	380864	264.640	ug/l	98
26) 2,2-Dichloropropane	4.58	77	109417	40.563	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	117453	52.218	ug/l	100
28) Bromochloromethane	5.02	49	80525	54.238	ug/l	96
29) Tetrahydrofuran	5.13	42	246753	276.803	ug/l	99
30) Chloroform	5.21	83	182033	54.484	ug/l	99
31) Cyclohexane	5.57	56	127344	45.034	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	155804	52.813	ug/l	99
36) 1,1-Dichloropropene	5.80	75	120191	46.880	ug/l	100
37) Ethyl Acetate	4.84	43	131380	49.812	ug/l	99
38) Carbon Tetrachloride	5.79	117	134171	48.328	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135864	40.315	ug/l	99
40) Benzene	6.14	78	402673	50.413	ug/l	99
41) Methacrylonitrile	5.04	41	79332	54.819	ug/l	98
42) 1,2-Dichloroethane	6.19	62	137022	56.355	ug/l	98
43) Isopropyl Acetate	6.45	43	223219	51.153	ug/l	98
44) Trichloroethene	7.21	130	114168	47.768	ug/l	99
45) 1,2-Dichloropropane	7.51	63	103699	51.411	ug/l	99
46) Dibromomethane	7.66	93	77517	53.564	ug/l	96
47) Bromodichloromethane	7.90	83	140135	52.838	ug/l	99
48) Methyl methacrylate	7.77	41	113702	56.056	ug/l	98
49) 1,4-Dioxane	7.74	88	56206	961.915	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	783216	280.632	ug/l	98
52) Toluene	8.78	92	263031	50.005	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	144839	48.711	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	161855	50.090	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	115146	53.078	ug/l	99
56) Ethyl methacrylate	9.18	69	177266	53.941	ug/l	97
57) 1,3-Dichloropropane	9.37	76	179486	53.300	ug/l	100
59) 2-Hexanone	9.49	43	599675	273.009	ug/l	98
60) Dibromochloromethane	9.58	129	125306	51.588	ug/l	99
61) 1,2-Dibromoethane	9.67	107	123508	52.746	ug/l	100
64) Tetrachloroethene	9.34	164	97772	41.108	ug/l	99
65) Chlorobenzene	10.14	112	302191	50.619	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	113569	52.226	ug/l	99
67) Ethyl Benzene	10.25	91	506326	50.238	ug/l	99
68) m/p-Xylenes	10.36	106	391683	100.298	ug/l	99
69) o-Xylene	10.69	106	193827	50.471	ug/l	98
70) Stvrene	10.71	104	337247	52.364	ug/l	98
71) Bromoform	10.85	173	96369	50.961	ug/l #	99
73) Isopropylbenzene	11.02	105	510313	49.284	ug/l	98
74) N-amyl acetate	10.90	43	195970	50.079	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	186091	54.267	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	146375m	52.587	ug/l	
77) Bromobenzene	11.26	156	142476	49.278	ug/l	98
78) n-propylbenzene	11.36	91	567241	49.845	ug/l	98
79) 2-Chlorotoluene	11.42	91	337972	49.874	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	425887	49.892	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	52106	43.671	ug/l	91
82) 4-Chlorotoluene	11.51	91	392795	50.939	ug/l	100
83) tert-Butylbenzene	11.77	119	434064	50.664	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	430188	50.161	ug/l	100
85) sec-Butylbenzene	11.94	105	493182	49.027	ug/l	99
86) p-Isopropyltoluene	12.06	119	455806	48.987	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	251203	49.773	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	250739	48.801	ug/l	99
89) n-Butylbenzene	12.38	91	383464	48.499	ug/l	99
90) Hexachloroethane	12.60	117	77733	48.314	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	251532	50.146	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38054	51.470	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	173292	49.818	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	75776	44.572	ug/l	98
95) Naphthalene	13.83	128	558454	52.242	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	175695	50.800	ug/l	100

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

