

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017358.D
 Acq On : 13 Jul 2020 17:13
 Operator : JC/SP
 Sample : L3216-07 2.5PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:36:05 AM

Quant Time: Jul 14 03:40:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 03:17:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	322699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	511067	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	483399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	247584	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	199920	49.36	ug/l	0.00
Spiked Amount						
			Recovery	=	98.72%	
35) Dibromofluoromethane	5.46	113	165354	48.03	ug/l	0.00
Spiked Amount						
			Recovery	=	96.06%	
50) Toluene-d8	8.70	98	602525	48.52	ug/l	0.00
Spiked Amount						
			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	11.12	95	222254	45.06	ug/l	0.00
Spiked Amount						
			Recovery	=	90.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	6371	2.333	ug/l	93
3) Chloromethane	1.31	50	8147	2.650	ug/l	99
4) Vinyl Chloride	1.39	62	7824	2.573	ug/l	98
5) Bromomethane	1.63	94	6486	3.276	ug/l	91
6) Chloroethane	1.71	64	4867	2.535	ug/l	91
7) Trichlorofluoromethane	1.92	101	12926	2.518	ug/l	91
8) Diethyl Ether	2.17	74	4526	2.494	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	8121	2.777	ug/l	95
10) Methyl Iodide	2.49	142	6165	1.738	ug/l	97
11) Tert butyl alcohol	3.01	59	8661	12.692	ug/l #	94
12) 1,1-Dichloroethene	2.36	96	8124	2.766	ug/l	87
13) Acrolein	2.27	56	4031	10.776	ug/l	87
14) Allyl chloride	2.71	41	13462	2.646	ug/l	98
15) Acrylonitrile	3.12	53	21749	13.148	ug/l	96
16) Acetone	2.42	43	18764	12.986	ug/l	91
17) Carbon Disulfide	2.55	76	23005	2.685	ug/l	99
18) Methyl Acetate	2.75	43	9549	2.676	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	25591	2.566	ug/l	99
20) Methylene Chloride	2.83	84	9818	2.785	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	9069	2.699	ug/l	88
22) Diisopropyl ether	3.82	45	25204	2.600	ug/l	94
23) Vinyl Acetate	3.79	43	106441	12.486	ug/l	99
24) 1,1-Dichloroethane	3.67	63	15530	2.726	ug/l	97
25) 2-Butanone	4.65	43	30536	13.306	ug/l	96
26) 2,2-Dichloropropane	4.55	77	13304	2.509	ug/l	82
27) cis-1,2-Dichloroethene	4.57	96	9803	2.661	ug/l	97
28) Bromochloromethane	4.98	49	7699	2.926	ug/l	94
29) Tetrahydrofuran	5.10	42	18809	12.661	ug/l	99
30) Chloroform	5.18	83	16613	2.711	ug/l	96
31) Cyclohexane	5.54	56	11601	2.488	ug/l	91
32) 1,1,1-Trichloroethane	5.46	97	15029	2.653	ug/l	96
36) 1,1-Dichloropropene	5.77	75	12479	2.655	ug/l	97
37) Ethyl Acetate	4.80	43	11627	2.392	ug/l #	77
38) Carbon Tetrachloride	5.76	117	12900	2.344	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	12151	2.380	ug/l	96
40) Benzene	6.11	78	34925	2.585	ug/l	96
41) Methacrylonitrile	5.01	41	6561	2.514	ug/l #	84
42) 1,2-Dichloroethane	6.17	62	13317	2.537	ug/l	91
43) Isopropyl Acetate	6.42	43	19929	2.565	ug/l	99
44) Trichloroethene	7.19	130	10708	2.595	ug/l	91
45) 1,2-Dichloropropane	7.49	63	9354	2.706	ug/l	93
46) Dibromomethane	7.64	93	6443	2.584	ug/l	97
47) Bromodichloromethane	7.87	83	13012	2.496	ug/l	97
48) Methyl methacrylate	7.75	41	9201	2.468	ug/l	96
49) 1,4-Dioxane	7.72	88	3951	51.792	ug/l #	79
51) 4-Methyl-2-Pentanone	8.62	43	57337	12.105	ug/l	99
52) Toluene	8.76	92	22177	2.558	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	13182	2.348	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	14614	2.440	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	9150	2.531	ug/l	98
56) Ethyl methacrylate	9.16	69	11749	2.289	ug/l	97
57) 1,3-Dichloropropane	9.35	76	14601	2.428	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.29	63	28504	10.938	ug/l	99
59) 2-Hexanone	9.47	43	41851	11.706	ug/l	96
60) Dibromochloromethane	9.57	129	10179	2.305	ug/l	97
61) 1,2-Dibromoethane	9.65	107	9810	2.494	ug/l	96
64) Tetrachloroethene	9.32	164	10867	2.597	ug/l	92
65) Chlorobenzene	10.12	112	25367	2.582	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.21	131	9404	2.404	ug/l	95
67) Ethyl Benzene	10.23	91	38509	2.355	ug/l	98
68) m/p-Xylenes	10.34	106	29366	4.719	ug/l	96
69) o-Xylene	10.68	106	14059	2.365	ug/l	98
70) Styrene	10.70	104	22517	2.206	ug/l	99
71) Bromoform	10.84	173	7411	2.245	ug/l #	100
73) Isopropylbenzene	11.00	105	36003	2.320	ug/l	97
74) N-amyl acetate	10.88	43	14044	2.261	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	12691	2.693	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	12192m	2.665	ug/l	
77) Bromobenzene	11.24	156	11662	2.638	ug/l	97
78) n-propylbenzene	11.34	91	42394	2.432	ug/l	100
79) 2-Chlorotoluene	11.40	91	26257	2.444	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	31252	2.372	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	4244	2.353	ug/l	92
82) 4-Chlorotoluene	11.49	91	31354	2.463	ug/l	99
83) tert-Butylbenzene	11.76	119	28942	2.273	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	30914	2.323	ug/l	100
85) sec-Butylbenzene	11.93	105	34445	2.310	ug/l	100
86) p-Isopropyltoluene	12.05	119	30649	2.172	ug/l	94
87) 1,3-Dichlorobenzene	12.01	146	19490	2.465	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	21363	2.674	ug/l	90
89) n-Butylbenzene	12.37	91	28213	2.345	ug/l	97
90) Hexachloroethane	12.58	117	6081	2.270	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	19803	2.665	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	3041	2.446	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	11428	2.215	ug/l	97
94) Hexachlorobutadiene	13.77	225	5373	2.554	ug/l	96
95) Naphthalene	13.82	128	32793	2.162	ug/l	98
96) 1,2,3-Trichlorobenzene	14.00	180	10982	2.204	ug/l	98

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

