

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019040.D
 Acq On : 22 Oct 2020 20:06
 Operator : JC/SP
 Sample : L4214-07 .2PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 12:04:56 PM

Quant Time: Oct 23 10:09:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 23 09:59:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	230633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	392811	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	362622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	181440	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	137802	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	5.46	113	119272	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	8.70	98	458572	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.12	95	160894	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	

Target Compounds

						Qvalue
3) Chloromethane	1.31	50	593	0.260	ug/l	95
4) Vinyl Chloride	1.39	62	559	0.207	ug/l	94
6) Chloroethane	1.72	64	557	0.331	ug/l #	73
8) Diethyl Ether	2.17	74	397	0.223	ug/l	64
12) 1,1-Dichloroethene	2.36	96	534	0.238	ug/l #	72
14) Allyl chloride	2.70	41	585	0.201	ug/l	87
15) Acrylonitrile	3.12	53	1049	0.970	ug/l	99
16) Acetone	2.42	43	1949	2.071	ug/l	94
17) Carbon Disulfide	2.55	76	1408	0.217	ug/l	96
18) Methyl Acetate	2.75	43	871	0.373	ug/l #	57
19) Methyl tert-butyl Ether	3.17	73	1956	0.275	ug/l #	82
20) Methylene Chloride	2.84	84	1329	0.507	ug/l	91
21) trans-1,2-Dichloroethene	3.14	96	567	0.216	ug/l	86
23) Vinyl Acetate	3.79	43	4817	0.886	ug/l	98
25) 2-Butanone	4.64	43	1544	1.038	ug/l #	86
29) Tetrahydrofuran	5.10	42	1057	1.189	ug/l #	56
30) Chloroform	5.17	83	922	0.204	ug/l	87
36) 1,1-Dichloropropene	5.77	75	755	0.214	ug/l #	91
39) Methylcyclohexane	7.45	83	905	0.229	ug/l #	79
40) Benzene	6.12	78	8564	0.825	ug/l	94
41) Methacrylonitrile	5.01	41	448m	0.277	ug/l	
42) 1,2-Dichloroethane	6.16	62	995	0.281	ug/l	78
43) Isopropyl Acetate	6.40	43	1172m	0.230	ug/l	
48) Methyl methacrylate	7.76	41	785	0.313	ug/l #	65
49) 1,4-Dioxane	7.74	88	240	4.231	ug/l #	30
51) 4-Methyl-2-Pentanone	8.62	43	2608	0.869	ug/l	92
52) Toluene	8.76	92	1767	0.258	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.29	63	1495	0.708	ug/l	94
59) 2-Hexanone	9.48	43	2031	0.908	ug/l	86
64) Tetrachloroethene	9.32	164	628	0.227	ug/l #	59
67) Ethyl Benzene	10.24	91	16077	1.226	ug/l	98
68) m/p-Xylenes	10.34	106	1947	0.388	ug/l	99
73) Isopropylbenzene	11.00	105	5781	0.443	ug/l	95
74) N-ethyl acetate	10.88	43	951	0.227	ug/l #	78

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78) n-propylbenzene	11.34	91	10296	0.696	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1291m	0.208	ug/l	
89) n-Butylbenzene	12.37	91	2481	0.231	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	12.99	75	184	0.206	ug/l #	42
95) Naphthalene	13.82	128	19499	1.502	ug/l	99

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

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