Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071020\
Data File : VN062486.D
Acq On : 10 Jul 2020 12:18
Operator : JC/MD
Sample : L3216-09 .2PPB MDL
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT3-2020DL

Manual Integrations APPROVED
MMDadoda
7/13/2020 11:19:05 AM

Quant Time: Jul 13 01:17:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.63	168	242019	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	415649	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	366228	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139082	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	192814	51.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.60%				
35) Dibromofluoromethane	7.54	113	135833	52.87	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.74%				
50) Toluene-d8	10.06	98	513669	50.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.28%				
62) 4-Bromofluorobenzene	12.37	95	171607	46.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	520	0.211	ug/l		97
3) Chloromethane	2.03	50	984	0.249	ug/l		92
4) Vinyl Chloride	2.16	62	714	0.220	ug/l		93
14) Allyl chloride	4.28	41	1303	0.223	ug/l	#	66
15) Acrylonitrile	4.94	53	1047m	0.646	ug/l		
16) Acetone	3.79	43	3039	1.923	ug/l	#	87
17) Carbon Disulfide	4.01	76	2595	0.333	ug/l	#	75
18) Methyl Acetate	4.28	43	2017m	0.511	ug/l		
20) Methylene Chloride	4.50	84	1320	0.391	ug/l	#	82
21) trans-1,2-Dichloroethene	4.97	96	685	0.255	ug/l	#	26
23) Vinyl Acetate	5.85	43	8214	0.859	ug/l		98
25) 2-Butanone	6.80	43	2325m	1.007	ug/l		
26) 2,2-Dichloropropane	6.77	77	1090m	0.238	ug/l		
27) cis-1,2-Dichloroethene	6.79	96	702	0.225	ug/l		75
29) Tetrahydrofuran	7.18	42	1440	0.927	ug/l	#	65
32) 1,1,1-Trichloroethane	7.53	97	904	0.202	ug/l	#	23
40) Benzene	8.00	78	2748m	0.223	ug/l		
41) Methacrylonitrile	7.15	41	552m	0.270	ug/l		
42) 1,2-Dichloroethane	8.08	62	1134m	0.251	ug/l		
44) Trichloroethene	8.80	130	571	0.209	ug/l		92
45) 1,2-Dichloropropane	9.08	63	717	0.200	ug/l	#	44
51) 4-Methyl-2-Pentanone	9.95	43	4282	0.927	ug/l		92
52) Toluene	10.13	92	1475	0.207	ug/l		97
54) cis-1,3-Dichloropropene	9.81	75	1152	0.216	ug/l	#	87
58) 2-Chloroethyl Vinyl ether	9.67	63	1102	0.663	ug/l	#	66
59) 2-Hexanone	10.73	43	3250	0.969	ug/l		81
65) Chlorobenzene	11.40	112	1503	0.211	ug/l		96
67) Ethyl Benzene	11.48	91	2743	0.205	ug/l		100
68) m/p-Xylenes	11.60	106	1724	0.365	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.48	83	871	0.241	ug/l	#	79
77) Bromobenzene	12.50	156	528	0.216	ug/l		90
78) n-propylbenzene	12.56	91	2626	0.209	ug/l		86
79) 2-Chlorotoluene	12.65	91	1813	0.238	ug/l		93
82) 4-Chlorotoluene	12.75	91	1725	0.223	ug/l		92

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Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
83) tert-Butylbenzene	12.97	119	1672	0.223	ug/l		87
84) 1,2,4-Trimethylbenzene	13.01	105	1822	0.208	ug/l		89
88) 1,4-Dichlorobenzene	13.34	146	965m	0.222	ug/l		
95) Naphthalene	15.11	128	1491	0.287	ug/l	#	70

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

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