Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071320\
Data File : BN011153.D
Acq On : 13 Jul 2020 14:35
Operator : CG/JU
Sample : L3216-07
Misc : LOD-MDL-WTR-0.1PPM
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/14/2020 12:02:09 PM

Quant Time: Jul 13 15:08:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 13:53:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1868	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	5898	0.40	ng		0.01
13) Acenaphthene-d10	14.13	164	2975	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	5995	0.40	ng		0.01
29) Chrysene-d12	21.11	240	5182	0.40	ng		0.01
36) Perylene-d12	23.25	264	5281	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	1778	0.39	ng		0.00
5) Phenol-d6	6.72	99	1739	0.33	ng		0.00
8) Nitrobenzene-d5	8.66	82	1607	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	11.86	152	3211	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	448	0.34	ng		0.01
15) 2-Fluorobiphenyl	12.76	172	4203	0.30	ng		0.01
27) Fluoranthene-d10	18.93	212	6535	0.35	ng		0.00
31) Terphenyl-d14	19.55	244	5115	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	159	0.060	ng	#	70
3) n-Nitrosodimethylamine	3.61	42	101m	0.075	ng		
6) bis(2-Chloroethyl)ether	6.97	93	451	0.095	ng		95
9) Naphthalene	10.30	128	1561	0.089	ng	#	87
10) Hexachlorobutadiene	10.60	225	382	0.088	ng	#	97
12) 2-Methylnaphthalene	11.94	142	978	0.089	ng		96
16) Acenaphthylene	13.85	152	1207	0.080	ng		99
17) Acenaphthene	14.20	154	838	0.083	ng		98
18) Fluorene	15.21	166	996	0.077	ng		99
20) 4,6-Dinitro-2-methylphenol	15.38	198	45	0.057	ng	#	41
21) 4-Bromophenyl-phenylether	16.11	248	304	0.075	ng	#	84
22) Hexachlorobenzene	16.20	284	411	0.087	ng		94
23) Atrazine	16.40	200	258	0.090	ng	#	80
24) Pentachlorophenol	16.57	266	226m	0.161	ng		
25) Phenanthrene	16.93	178	1584	0.082	ng		97
26) Anthracene	17.04	178	1253	0.078	ng		99
28) Fluoranthene	18.96	202	1882	0.081	ng		99
30) Pyrene	19.33	202	1818	0.092	ng		99
32) Benzo(a)anthracene	21.10	228	1496m	0.089	ng		
33) Chrysene	21.14	228	1930	0.094	ng		94
34) Bis(2-ethylhexyl)phthalate	21.05	149	981	0.142	ng	#	96
35) Indeno(1,2,3-cd)pyrene	25.36	276	1819	0.085	ng		94
37) Benzo(b)fluoranthene	22.62	252	1614	0.076	ng	#	63
38) Benzo(k)fluoranthene	22.67	252	2027	0.085	ng	#	62
39) Benzo(a)pyrene	23.17	252	1458	0.076	ng	#	40
40) Dibenzo(a,h)anthracene	25.39	278	1402	0.069	ng	#	47
41) Benzo(g,h,i)perylene	25.98	276	1848	0.083	ng	#	83

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

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