Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070620\
Data File : BN011103.D
Acq On : 06 Jul 2020 12:24
Operator : CG/JU
Sample : L1955-11
Misc : MDL-WTR--04
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-04

Quant Time: Jul 06 13:23:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 06 12:31:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1815	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	5683	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	2906	0.40	ng		0.01
19) Phenanthrene-d10	16.90	188	6142	0.40	ng		0.01
29) Chrysene-d12	21.11	240	5166	0.40	ng		0.01
36) Perylene-d12	23.25	264	5305	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	1662	0.37	ng		0.00
5) Phenol-d6	6.73	99	1639	0.32	ng		0.00
8) Nitrobenzene-d5	8.67	82	1509	0.31	ng		0.01
11) 2-Methylnaphthalene-d10	11.87	152	3353	0.34	ng		0.01
14) 2,4,6-Tribromophenol	15.65	330	416	0.34	ng		0.01
15) 2-Fluorobiphenyl	12.77	172	4451	0.33	ng		0.03
27) Fluoranthene-d10	18.94	212	6752	0.36	ng		0.00
31) Terphenyl-d14	19.56	244	5040	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	230	0.090	ng	#	89
3) n-Nitrosodimethylamine	3.63	42	45m	0.035	ng		
6) bis(2-Chloroethyl)ether	6.97	93	345	0.073	ng		93
9) Naphthalene	10.32	128	1434	0.085	ng	#	87
10) Hexachlorobutadiene	10.61	225	350	0.081	ng	#	100
12) 2-Methylnaphthalene	11.95	142	931	0.082	ng	#	91
16) Acenaphthylene	13.85	152	1166	0.080	ng		99
17) Acenaphthene	14.21	154	785	0.080	ng		100
18) Fluorene	15.21	166	1030	0.083	ng		97
20) 4,6-Dinitro-2-methylphenol	15.38	198	30	0.046	ng	#	45
21) 4-Bromophenyl-phenylether	16.12	248	263	0.064	ng		97
22) Hexachlorobenzene	16.20	284	378	0.079	ng	#	90
23) Atrazine	16.40	200	227	0.079	ng	#	74
24) Pentachlorophenol	16.57	266	208	0.161	ng		94
25) Phenanthrene	16.95	178	1517	0.076	ng		99
26) Anthracene	17.04	178	1183	0.072	ng		98
28) Fluoranthene	18.97	202	1829	0.082	ng		99
30) Pyrene	19.33	202	1733	0.090	ng		100
32) Benzo(a)anthracene	21.10	228	1299	0.075	ng	#	91
33) Chrysene	21.15	228	1762	0.089	ng		93
34) Bis(2-ethylhexyl)phthalate	21.05	149	879	0.126	ng	#	98
35) Indeno(1,2,3-cd)pyrene	25.37	276	1522	0.073	ng	#	68
37) Benzo(b)fluoranthene	22.62	252	1473	0.069	ng	#	53
38) Benzo(k)fluoranthene	22.67	252	1559	0.068	ng	#	55
39) Benzo(a)pyrene	23.17	252	1339	0.073	ng	#	40
40) Dibenzo(a,h)anthracene	25.39	278	989	0.053	ng	#	29
41) Benzo(g,h,i)perylene	25.99	276	1560	0.075	ng	#	83

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

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