Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070220\
Data File : BN011094.D
Acq On : 02 Jul 2020 20:05
Operator : CG/JU
Sample : L1955-10
Misc : MDL-WTR--01
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-03

Manual Integrations APPROVED
Sohil
7/7/2020 8:20:30 AM

Quant Time: Jul 03 06:58:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 14:12:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1454	0.40	ng		0.00
7) Naphthalene-d8	10.28	136	4657	0.40	ng		0.01
13) Acenaphthene-d10	14.14	164	2483	0.40	ng		0.01
19) Phenanthrene-d10	16.90	188	4984	0.40	ng		0.00
29) Chrysene-d12	21.11	240	4191	0.40	ng		0.00
36) Perylene-d12	23.25	264	4393	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	852	0.24	ng		0.00
5) Phenol-d6	6.73	99	798	0.19	ng		0.00
8) Nitrobenzene-d5	8.67	82	1206	0.30	ng		0.01
11) 2-Methylnaphthalene-d10	11.87	152	2672	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	202	0.19	ng		0.01
15) 2-Fluorobiphenyl	12.77	172	3552	0.30	ng		0.01
27) Fluoranthene-d10	18.94	212	5247	0.35	ng		0.00
31) Terphenyl-d14	19.56	244	4425	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	158	0.077	ng	#	95
3) n-Nitrosodimethylamine	3.60	42	35m	0.034	ng		
6) bis(2-Chloroethyl)ether	6.98	93	309	0.082	ng		91
9) Naphthalene	10.32	128	1241	0.089	ng	#	82
10) Hexachlorobutadiene	10.61	225	305	0.087	ng	#	100
12) 2-Methylnaphthalene	11.95	142	765	0.082	ng	#	94
16) Acenaphthylene	13.87	152	1088	0.087	ng		97
17) Acenaphthene	14.21	154	646	0.077	ng		93
18) Fluorene	15.21	166	827	0.078	ng		96
20) 4,6-Dinitro-2-methylphenol	15.39	198	24m	0.045	ng		
21) 4-Bromophenyl-phenylether	16.12	248	199	0.060	ng		93
22) Hexachlorobenzene	16.22	284	335	0.086	ng		97
23) Atrazine	16.40	200	206	0.088	ng	#	70
24) Pentachlorophenol	16.57	266	191	0.182	ng		89
25) Phenanthrene	16.95	178	1257	0.078	ng		99
26) Anthracene	17.04	178	991	0.074	ng		96
28) Fluoranthene	18.97	202	1455	0.080	ng		99
30) Pyrene	19.33	202	1457	0.093	ng		98
32) Benzo(a)anthracene	21.10	228	1144	0.082	ng	#	89
33) Chrysene	21.14	228	1495	0.093	ng		93
34) Bis(2-ethylhexyl)phthalate	21.05	149	768	0.136	ng		98
35) Indeno(1,2,3-cd)pyrene	25.36	276	1311	0.078	ng	#	86
37) Benzo(b)fluoranthene	22.62	252	1265	0.072	ng	#	46
38) Benzo(k)fluoranthene	22.66	252	1384	0.073	ng	#	44
39) Benzo(a)pyrene	23.17	252	1134	0.075	ng	#	24
40) Dibenzo(a,h)anthracene	25.38	278	958	0.062	ng	#	28
41) Benzo(g,h,i)perylene	25.99	276	1344	0.078	ng	#	76

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

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