Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\
Data File : BN011804.D
Acq On : 15 Sep 2020 17:29
Operator : CG/JU
Sample : PB131586BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB131586BS

Quant Time: Sep 15 18:19:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:55:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1277	0.40	ng		0.00
7) Naphthalene-d8	10.50	136	4407	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	2676	0.40	ng		0.00
19) Phenanthrene-d10	17.10	188	6004	0.40	ng		0.00
29) Chrysene-d12	21.31	240	8546	0.40	ng		0.00
36) Perylene-d12	23.56	264	9140	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	1395	0.39	ng		0.00
5) Phenol-d6	6.89	99	1754	0.39	ng		0.00
8) Nitrobenzene-d5	8.87	82	1874	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.10	152	3137	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	543	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	4619	0.39	ng		0.00
27) Fluoranthene-d10	19.15	212	7184	0.37	ng		0.00
31) Terphenyl-d14	19.75	244	14412	0.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	712	0.401	ng		90
3) n-Nitrosodimethylamine	3.58	42	1105	0.401	ng	#	98
6) bis(2-Chloroethyl)ether	7.15	93	1406	0.379	ng		98
9) Naphthalene	10.55	128	4864	0.385	ng		98
10) Hexachlorobutadiene	10.85	225	1237	0.406	ng	#	98
12) 2-Methylnaphthalene	12.17	142	3447	0.381	ng		98
16) Acenaphthylene	14.08	152	4921	0.369	ng		99
17) Acenaphthene	14.42	154	3588	0.380	ng		99
18) Fluorene	15.41	166	4408	0.371	ng		99
20) 4,6-Dinitro-2-methylphenol	15.49	198	627	0.464	ng		93
21) 4-Bromophenyl-phenylether	16.31	248	1433	0.377	ng		96
22) Hexachlorobenzene	16.42	284	1669	0.375	ng		99
23) Atrazine	16.58	200	1419	0.405	ng		97
24) Pentachlorophenol	16.76	266	889	0.474	ng		98
25) Phenanthrene	17.15	178	7346	0.376	ng		100
26) Anthracene	17.24	178	6892	0.392	ng		99
28) Fluoranthene	19.18	202	11663	0.479	ng		100
30) Pyrene	19.54	202	12088	0.399	ng		100
32) Benzo(a)anthracene	21.29	228	14170	0.454	ng		98
33) Chrysene	21.34	228	15346	0.470	ng		99
34) Bis(2-ethylhexyl)phthalate	21.24	149	6198	0.444	ng		100
35) Indeno(1,2,3-cd)pyrene	25.82	276	21538	0.502	ng		99
37) Benzo(b)fluoranthene	22.89	252	17149	0.455	ng		97
38) Benzo(k)fluoranthene	22.93	252	17015	0.451	ng		99
39) Benzo(a)pyrene	23.46	252	14998	0.454	ng	#	96
40) Dibenzo(a,h)anthracene	25.83	278	18201	0.476	ng		99
41) Benzo(g,h,i)perylene	26.51	276	17639	0.462	ng		99

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

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