Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080720\
Data File : BN011394.D
Acq On : 07 Aug 2020 12:03
Operator : CG/JU
Sample : PB130764BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB130764BSD

Manual Integrations APPROVED
mohammad
8/10/2020 3:44:36 PM

Quant Time: Aug 07 15:38:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 12:17:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	1244	0.40	ng		0.00
7) Naphthalene-d8	10.20	136	4175	0.40	ng		-0.01
13) Acenaphthene-d10	14.08	164	2440	0.40	ng		-0.01
19) Phenanthrene-d10	16.85	188	4352	0.40	ng		0.00
29) Chrysene-d12	21.06	240	4665	0.40	ng		-0.01
36) Perylene-d12	23.18	264	4852	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1099	0.34	ng		0.00
5) Phenol-d6	6.67	99	1105	0.28	ng		0.00
8) Nitrobenzene-d5	8.60	82	1184	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.80	152	2139	0.28	ng		0.00
14) 2,4,6-Tribromophenol	15.60	330	265	0.24	ng		0.00
15) 2-Fluorobiphenyl	12.69	172	4271	0.41	ng		-0.01
27) Fluoranthene-d10	18.88	212	4020	0.30	ng		0.00
31) Terphenyl-d14	19.50	244	4266	0.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	389	0.222	ng	#	34
3) n-Nitrosodimethylamine	3.50	42	219	0.244	ng	#	98
6) bis(2-Chloroethyl)ether	6.91	93	776	0.235	ng		94
9) Naphthalene	10.25	128	3506	0.283	ng		97
10) Hexachlorobutadiene	10.54	225	862	0.287	ng	#	98
12) 2-Methylnaphthalene	11.87	142	2159	0.246	ng		97
16) Acenaphthylene	13.80	152	3453	0.275	ng		99
17) Acenaphthene	14.14	154	2203	0.269	ng		99
18) Fluorene	15.14	166	2495	0.237	ng		99
20) 4,6-Dinitro-2-methylphenol	15.28	198	100	0.303	ng	#	65
21) 4-Bromophenyl-phenylether	16.04	248	813m	0.282	ng		
22) Hexachlorobenzene	16.15	284	908	0.278	ng		97
23) Atrazine	16.34	200	529	0.235	ng	#	90
24) Pentachlorophenol	16.51	266	488	0.481	ng		99
25) Phenanthrene	16.88	178	3733	0.264	ng		98
26) Anthracene	16.98	178	3282	0.279	ng		99
28) Fluoranthene	18.92	202	4313	0.268	ng		99
30) Pyrene	19.28	202	4341	0.206	ng		99
32) Benzo(a)anthracene	21.05	228	4804	0.307	ng		98
33) Chrysene	21.10	228	5217	0.297	ng		99
34) Bis(2-ethylhexyl)phthalate	21.00	149	1509	0.180	ng		98
35) Indeno(1,2,3-cd)pyrene	25.25	276	7620	0.445	ng		100
37) Benzo(b)fluoranthene	22.56	252	5544	0.287	ng		96
38) Benzo(k)fluoranthene	22.60	252	5653	0.265	ng		95
39) Benzo(a)pyrene	23.09	252	4606	0.274	ng		95
40) Dibenzo(a,h)anthracene	25.26	278	6241	0.359	ng		99
41) Benzo(g,h,i)perylene	25.87	276	6185	0.321	ng		99

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

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