Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
Data File : BN007864.D
Acq On : 25 Sep 2019 21:16
Operator : JU
Sample : K4994-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXT-SW092-091819-1

Manual Integrations APPROVED
mohammad
9/27/2019 8:28:06 AM

Quant Time: Sep 26 09:07:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	10416	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	38791	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	22117	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	41660	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	46135	0.40	ng		-0.02
34) Perylene-d12	23.47	264	56966	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	1315	0.04	ng		0.00
5) Phenol-d6	6.87	99	1705	0.03	ng		0.00
8) Nitrobenzene-d5	8.83	82	1443	0.04	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	2730	0.04	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	397	0.03	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	3909	0.04	ng		-0.01
25) Fluoranthene-d10	19.09	212	5439m	0.04	ng		-0.01
29) Terphenyl-d14	19.69	244	7518	0.07	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.51	128	38510	0.354	ng		100
12) 2-Methylnaphthalene	12.13	142	32354	0.440	ng		100
16) Acenaphthylene	14.03	152	250716	2.137	ng		99
17) Acenaphthene	14.38	154	34111	0.451	ng	#	88
18) Fluorene	15.36	166	74491	0.769	ng		86
23) Phenanthrene	17.10	178	1786091	13.763	ng		100
24) Anthracene	17.19	178	349401	2.981	ng		98
26) Fluoranthene	19.12	202	2583619	16.010	ng		98
28) Pyrene	19.49	202	3789318	24.083	ng	#	95
30) Benzo(a)anthracene	21.24	228	1970175	11.597	ng		96
31) Chrysene	21.29	228	2094542	12.650	ng		97
32) Bis(2-ethylhexyl)phthalate	21.19	149	26621m	0.305	ng		
33) Indeno(1,2,3-cd)pyrene	25.68	276	1004473	4.845	ng		97
35) Benzo(b)fluoranthene	22.81	252	2015325m	10.190	ng		
36) Benzo(k)fluoranthene	22.85	252	575663m	2.944	ng		
37) Benzo(a)pyrene	23.37	252	1680567	9.043	ng		98
38) Dibenzo(a,h)anthracene	25.68	278	312816	1.645	ng		93
39) Benzo(g,h,i)perylene	26.35	276	1199055	6.372	ng		99

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

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