Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
Data File : BN007873.D
Acq On : 26 Sep 2019 03:54
Operator : JU
Sample : K4994-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-SW117-091919-2

Manual Integrations APPROVED
mohammad
9/27/2019 8:28:24 AM

Quant Time: Sep 26 09:09:35 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	8282	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	31827	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	19384	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	40477	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	44068	0.40	ng		-0.01
34) Perylene-d12	23.47	264	51722	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	6412	0.22	ng		0.00
5) Phenol-d6	6.87	99	8486	0.24	ng		0.00
8) Nitrobenzene-d5	8.83	82	7519	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	13335	0.25	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	2558	0.24	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	17942	0.22	ng		-0.01
25) Fluoranthene-d10	19.09	212	31832	0.23	ng		-0.01
29) Terphenyl-d14	19.70	244	25851	0.24	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.51	128	23453	0.263	ng		98
12) 2-Methylnaphthalene	12.13	142	20527	0.340	ng		99
16) Acenaphthylene	14.04	152	278986	2.714	ng		100
17) Acenaphthene	14.38	154	16684	0.252	ng		98
18) Fluorene	15.37	166	55750	0.656	ng	#	80
22) Pentachlorophenol	16.72	266	353	0.036	ng		95
23) Phenanthrene	17.10	178	807677	6.405	ng		100
24) Anthracene	17.19	178	213085	1.871	ng		99
26) Fluoranthene	19.12	202	1126414	7.184	ng		99
28) Pyrene	19.49	202	1487486	9.897	ng		96
30) Benzo(a)anthracene	21.24	228	700875	4.319	ng		91
31) Chrysene	21.29	228	829005	5.242	ng		97
32) Bis(2-ethylhexyl)phthalate	21.19	149	762619	9.137	ng		100
33) Indeno(1,2,3-cd)pyrene	25.68	276	431335	2.178	ng		97
35) Benzo(b)fluoranthene	22.81	252	855632	4.765	ng		99
36) Benzo(k)fluoranthene	22.85	252	274092m	1.544	ng		
37) Benzo(a)pyrene	23.38	252	642750	3.809	ng		98
38) Dibenzo(a,h)anthracene	25.69	278	120629	0.699	ng	#	86
39) Benzo(g,h,i)perylene	26.36	276	473310	2.770	ng		100

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

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