Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
Data File : BN007870.D
Acq On : 26 Sep 2019 02:07
Operator : JU
Sample : K4994-13 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-B239-091919-1

Manual Integrations APPROVED
mohammad
9/27/2019 8:28:17 AM

Quant Time: Sep 26 12:04:08 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	10122	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	37096	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	20750	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	41207	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	42624	0.40	ng		-0.02
34) Perylene-d12	23.46	264	49173	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	1172	0.03	ng		0.00
5) Phenol-d6	6.86	99	1432	0.03	ng		0.00
8) Nitrobenzene-d5	8.83	82	1211	0.04	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	2248	0.04	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	500	0.04	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	3394	0.04	ng		-0.01
25) Fluoranthene-d10	19.09	212	4823	0.03	ng		-0.01
29) Terphenyl-d14	19.70	244	5477	0.05	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.51	128	10460	0.100	ng		96
12) 2-Methylnaphthalene	12.13	142	8918	0.127	ng		98
16) Acenaphthylene	14.04	152	91684	0.833	ng		100
17) Acenaphthene	14.38	154	5170	0.073	ng	#	90
18) Fluorene	15.36	166	17185	0.189	ng	#	78
22) Pentachlorophenol	16.72	266	474	0.047	ng		94
23) Phenanthrene	17.10	178	224656	1.750	ng		100
24) Anthracene	17.19	178	57392	0.495	ng		99
26) Fluoranthene	19.12	202	306363	1.919	ng		99
28) Pyrene	19.49	202	396884	2.730	ng		97
30) Benzo(a)anthracene	21.24	228	176805m	1.126	ng		
31) Chrysene	21.29	228	213508	1.396	ng		97
32) Bis(2-ethylhexyl)phthalate	21.19	149	230447	2.855	ng		99
33) Indeno(1,2,3-cd)pyrene	25.68	276	119006	0.621	ng		97
35) Benzo(b)fluoranthene	22.81	252	228369	1.338	ng	#	96
36) Benzo(k)fluoranthene	22.84	252	70757m	0.419	ng		
37) Benzo(a)pyrene	23.37	252	168203	1.048	ng		97
38) Dibenzo(a,h)anthracene	25.68	278	33656	0.205	ng	#	73
39) Benzo(g,h,i)perylene	26.35	276	141749	0.873	ng		98

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

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