Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101819\
Data File : BE100659.D
Acq On : 18 Oct 2019 17:28
Operator : JU
Sample : K4995-10DL 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-SW085-091819-4DL

Manual Integrations APPROVED
mohammad
10/20/2019 8:05:18 PM

Quant Time: Oct 18 23:58:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 10 14:01:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	7793	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	33499	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	19501	0.40	ng		-0.02
19) Phenanthrene-d10	17.20	188	39059	0.40	ng		0.00
27) Chrysene-d12	21.37	240	40648	0.40	ng		0.00
34) Perylene-d12	23.85	264	45638	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	216	0.01	ng		0.02
5) Phenol-d6	7.02	99	352	0.01	ng		0.01
8) Nitrobenzene-d5	9.00	82	263	0.01	ng		0.01
11) 2-Methylnaphthalene-d10	12.22	152	432	0.01	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	90	0.02	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	614	0.01	ng		-0.02
25) Fluoranthene-d10	19.23	212	4167	0.01	ng		0.00
29) Terphenyl-d14	19.82	244	1326	0.01	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.68	128	42313	0.120	ng		99
12) 2-Methylnaphthalene	12.29	142	13073	0.218	ng		94
16) Acenaphthylene	14.20	152	33789	0.403	ng		97
17) Acenaphthene	14.54	154	9287	0.171	ng		91
18) Fluorene	15.51	166	22241	0.309	ng	#	86
23) Phenanthrene	17.24	178	516179	4.805	ng		99
24) Anthracene	17.34	178	57452	0.576	ng		98
26) Fluoranthene	19.25	202	403961	2.881	ng		98
28) Pyrene	19.62	202	674251	5.937	ng	#	95
30) Benzo(a)anthracene	21.35	228	295214	2.226	ng		92
31) Chrysene	21.40	228	287618	2.171	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	7404	0.027	ng	#	79
33) Indeno(1,2,3-cd)pyrene	26.46	276	111219	0.683	ng		96
35) Benzo(b)fluoranthene	23.10	252	228109	1.714	ng		98
36) Benzo(k)fluoranthene	23.13	252	62610m	0.457	ng		
37) Benzo(a)pyrene	23.73	252	196431	1.586	ng		99
38) Dibenzo(a,h)anthracene	26.48	278	36215	0.283	ng	#	84
39) Benzo(g,h,i)perylene	27.27	276	138150	1.073	ng		98

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

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