Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110719\
Data File : BE100709.D
Acq On : 7 Nov 2019 19:49
Operator : JU
Sample : K5725-03DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Manual Integrations APPROVED
Sohil
11/8/2019 3:32:31 PM

Quant Time: Nov 08 11:42:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	2108	0.40	ng		0.01
7) Naphthalene-d8	10.64	136	10285	0.40	ng		0.01
13) Acenaphthene-d10	14.48	164	9657	0.40	ng		0.01
19) Phenanthrene-d10	17.20	188	15143	0.40	ng		0.00
27) Chrysene-d12	21.37	240	16465	0.40	ng		0.01
34) Perylene-d12	23.85	264	19119	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	115	0.02	ng		0.01
5) Phenol-d6	7.03	99	256	0.03	ng		0.02
8) Nitrobenzene-d5	9.00	82	1085m	0.17	ng		0.01
11) 2-Methylnaphthalene-d10	12.24	152	1286	0.08	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	20	0.01	ng		0.04
15) 2-Fluorobiphenyl	13.16	172	282	0.01	ng		0.06
25) Fluoranthene-d10	19.23	212	4827	0.02	ng		0.01
29) Terphenyl-d14	19.82	244	1038	0.03	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.69	128	40087	0.371	ng	#	93
12) 2-Methylnaphthalene	12.31	142	4990	0.271	ng	#	49
16) Acenaphthylene	14.21	152	12162	0.293	ng	#	20
17) Acenaphthene	14.54	154	8072	0.301	ng	#	58
18) Fluorene	15.51	166	27866	0.781	ng	#	42
23) Phenanthrene	17.26	178	100828	2.421	ng	#	75
24) Anthracene	17.34	178	24553	0.635	ng	#	78
26) Fluoranthene	19.26	202	160376	2.950	ng		99
28) Pyrene	19.62	202	200764	4.364	ng	#	90
30) Benzo(a)anthracene	21.35	228	111375	2.074	ng		93
31) Chrysene	21.40	228	86450m	1.611	ng		
33) Indeno(1,2,3-cd)pyrene	26.48	276	84711	1.284	ng		96
35) Benzo(b)fluoranthene	23.10	252	138298	2.481	ng	#	95
36) Benzo(k)fluoranthene	23.14	252	53419m	0.932	ng		
37) Benzo(a)pyrene	23.74	252	111120	2.141	ng	#	95
38) Dibenzo(a,h)anthracene	26.49	278	23083	0.430	ng	#	74
39) Benzo(g,h,i)perylene	27.29	276	81911	1.518	ng		94

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

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