Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110221.D
Acq On : 26 Oct 2018 20:31
Operator : JU/SJ
Sample : J5204-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-102518-A

Manual Integrations APPROVED
Sohil
10/29/2018 11:56:44 AM

Quant Time: Oct 27 00:29:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	136963	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	530895	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	208577	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	322480	20.00	ng		-0.01
76) Chrysene-d12	14.16	240	230372	20.00	ng		0.00
87) Perylene-d12	15.69	264	163548	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	218365	25.96	ng		-0.02
7) Phenol-d6	6.58	99	282293	26.24	ng		-0.02
23) Nitrobenzene-d5	7.53	82	159792	17.85	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	41990	20.32	ng		-0.02
45) 2-Fluorobiphenyl	9.32	172	306306	23.06	ng		-0.02
79) Terphenyl-d14	13.09	244	227662	20.55	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.27	128	71052	2.904	ng		98
37) 2-Methylnaphthalene	8.96	142	36315	2.243	ng		99
38) 1-Methylnaphthalene	9.06	142	31589	2.019	ng		97
49) Acenaphthylene	9.87	152	43563	2.180	ng	#	96
52) Acenaphthene	10.05	154	96098	7.269	ng		97
55) Dibenzofuran	10.22	168	86599	4.679	ng		96
58) Fluorene	10.56	166	149350	10.842	ng		99
71) Phenanthrene	11.53	178	1014732	60.137	ng		100
72) Anthracene	11.58	178	395090	23.360	ng		99
73) Carbazole	11.73	167	56968	3.450	ng		98
75) Fluoranthene	12.73	202	1529780	89.331	ng		98
78) Pyrene	12.96	202	1341937	81.252	ng		99
81) Benzo(a)anthracene	14.15	228	693837	50.788	ng		97
83) Chrysene	14.18	228	550232	42.404	ng		97
86) Indeno(1,2,3-cd)pyrene	17.25	276	213408	19.825	ng		100
88) Benzo(b)fluoranthene	15.23	252	524933m	55.582	ng		
89) Benzo(k)fluoranthene	15.26	252	212421m	22.879	ng		
90) Benzo(a)pyrene	15.62	252	389589	44.830	ng		98
91) Dibenzo(a,h)anthracene	17.26	278	52771	7.038	ng	#	80
92) Benzo(g,h,i)perylene	17.73	276	200412	27.123	ng		96

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

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