Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104742.D
Acq On : 24 Apr 2018 7:50
Operator : JU/SJ
Sample : J2497-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A2-SB01-BOT-4.5

Manual Integrations APPROVED
Sohil
4/24/2018 3:49:13 PM

Quant Time: Apr 24 10:17:11 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105013	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	391262	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	170042	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	244966	20.00	ng		0.01
75) Chrysene-d12	14.02	240	100996	20.00	ng		0.04
86) Perylene-d12	15.50	264	110280	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	525310	76.49	ng		0.00
7) Phenol-d6	6.45	99	649701	76.99	ng		0.00
23) Nitrobenzene-d5	7.37	82	372245	62.12	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	126132	71.51	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	685938	63.73	ng		0.00
78) Terphenyl-d14	12.94	244	468615	105.78	ng		0.02
Target Compounds							Qvalue
27) 2,4-Dimethylphenol	7.77	122	63442	11.345	ng	#	92
31) Naphthalene	8.13	128	4668415	239.618	ng		98
37) 2-Methylnaphthalene	8.80	142	373010	29.598	ng		97
45) 1,1'-Biphenyl	9.27	154	341918	23.936	ng		99
48) Acenaphthylene	9.72	152	1178572	66.575	ng		99
49) Dimethylphthalate	9.56	163	66578	4.965	ng	#	98
51) Acenaphthene	9.89	154	451807	41.830	ng		97
54) Dibenzofuran	10.06	168	570948	37.931	ng		98
57) Fluorene	10.40	166	1124181	102.606	ng		99
70) Phenanthrene	11.39	178	3697431	271.033	ng		99
71) Anthracene	11.43	178	1518411	109.496	ng		99
72) Carbazole	11.59	167	613989	45.310	ng		99
74) Fluoranthene	12.60	202	3369255	236.385	ng		99
77) Pyrene	12.83	202	3281682	438.366	ng		98
80) Benzo(a)anthracene	14.02	228	1542013	255.571	ng	#	83
82) Chrysene	14.06	228	1318355	212.726	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.01	276	1028390	195.339	ng	#	90
87) Benzo(b)fluoranthene	15.09	252	1741079m	249.972	ng		
88) Benzo(k)fluoranthene	15.11	252	311205m	47.327	ng		
89) Benzo(a)pyrene	15.46	252	1185554	190.236	ng		95
90) Dibenzo(a,h)anthracene	17.00	278	255110m	49.842	ng		
91) Benzo(g,h,i)perylene	17.47	276	1127311	227.333	ng		95

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

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