Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104171.D
Acq On : 3 Apr 2018 9:39
Operator : JU/SJ
Sample : J2176-05 10X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A2_SB54_W_S_8

Manual Integrations APPROVED
Sohil
4/3/2018 2:28:43 PM

Quant Time: Apr 03 12:38:15 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 02 13:40:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	83505	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	259427	20.00	ng		0.01
38) Acenaphthene-d10	10.00	164	152001	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	210249	20.00	ng		0.01
75) Chrysene-d12	14.17	240	158583	20.00	ng		0.02
86) Perylene-d12	15.70	264	135090	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	35142m	6.71	ng		0.01
7) Phenol-d6	6.60	99	57544	8.93	ng		0.00
23) Nitrobenzene-d5	7.53	82	29639	6.99	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	11084	6.55	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	78639	8.16	ng		0.00
78) Terphenyl-d14	13.08	244	65948	9.60	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.61	94	476256	66.722	ng		96
17) 2-Methylphenol	7.21	107	126013	26.955	ng		98
20) 3+4-Methylphenols	7.37	107	451524	75.678	ng		88
27) 2,4-Dimethylphenol	7.90	122	105574	31.420	ng		95
31) Naphthalene	8.29	128	8835208	697.118	ng		97
37) 2-Methylnaphthalene	8.97	142	1799190	215.514	ng		97
45) 1,1'-Biphenyl	9.42	154	592600	45.424	ng		99
48) Acenaphthylene	9.87	152	2511873	161.120	ng		98
51) Acenaphthene	10.03	154	177068	19.633	ng		94
54) Dibenzofuran	10.22	168	1626891	123.529	ng		97
57) Fluorene	10.56	166	1695827	156.099	ng		99
70) Phenanthrene	11.55	178	3779443	332.022	ng		99
71) Anthracene	11.59	178	2148055	180.660	ng		99
72) Carbazole	11.74	167	940033	82.835	ng		100
74) Fluoranthene	12.74	202	3087166	255.144	ng		99
77) Pyrene	12.97	202	2532120	222.118	ng		99
80) Benzo(a)anthracene	14.16	228	1380313	139.105	ng	#	86
82) Chrysene	14.20	228	1075135	110.623	ng		97
85) Indeno(1,2,3-cd)pyrene	17.30	276	349478	34.700	ng	#	87
87) Benzo(b)fluoranthene	15.25	252	994452m	120.958	ng		
88) Benzo(k)fluoranthene	15.27	252	453809m	58.596	ng		
89) Benzo(a)pyrene	15.65	252	771259	101.232	ng		98
90) Dibenzo(a,h)anthracene	17.30	278	83735m	11.887	ng		
91) Benzo(g,h,i)perylene	17.79	276	288903	40.947	ng		96

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

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