Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094046.D
Acq On : 30 Mar 2017 5:51
Operator : SJ/MA
Sample : I2443-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AA9-NSW

Manual Integrations APPROVED
mohammad
3/30/2017 2:32:19 PM

Quant Time: Mar 30 07:14:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	153638	20.00	ng		-0.03
21) Naphthalene-d8	7.43	136	574879	20.00	ng		-0.03
38) Acenaphthene-d10	9.57	164	233290	20.00	ng		-0.03
63) Phenanthrene-d10	11.41	188	349257	20.00	ng		-0.01
75) Chrysene-d12	14.70	240	272290	20.00	ng		0.02
86) Perylene-d12	16.31	264	241007	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.46	112	882514	97.02	ng		-0.02
7) Phenol-d6	5.53	99	1070158	95.10	ng		-0.02
23) Nitrobenzene-d5	6.57	82	625407	62.08	ng		-0.04
41) 2,4,6-Tribromophenol	10.55	330	182903	99.22	ng		-0.02
44) 2-Fluorobiphenyl	8.75	172	1039214	67.94	ng		-0.03
78) Terphenyl-d14	13.44	244	536516	44.17	ng		0.04
Target Compounds							Qvalue
9) Benzaldehyde	5.41	77	66611	8.77	ng		99
10) Phenol	5.54	94	162226	12.67	ng		93
17) 2-Methylphenol	6.23	107	162713	19.00	ng		96
20) 3+4-Methylphenols	6.42	107	439094	42.34	ng	#	62
27) 2,4-Dimethylphenol	7.04	122	241244	29.55	ng		98
31) Naphthalene	7.45	128	539314	19.51	ng		100
37) 2-Methylnaphthalene	8.29	142	246718	13.39	ng		99
45) 1,1'-Biphenyl	8.87	154	56591	3.01	ng		97
49) Dimethylphthalate	9.25	163	62387	3.76	ng		98
51) Acenaphthene	9.60	154	167612	11.73	ng		99
54) Dibenzofuran	9.82	168	137557	7.07	ng		99
57) Fluorene	10.24	166	158669	9.84	ng		98
70) Phenanthrene	11.44	178	1043558m	53.71	ng		
71) Anthracene	11.49	178	98637m	4.93	ng		
72) Carbazole	11.72	167	71391	3.48	ng	#	79
74) Fluoranthene	12.95	202	637748	32.06	ng		88
77) Pyrene	13.24	202	252056	12.76	ng	#	89
80) Benzo(a)anthracene	14.69	228	168280m	10.60	ng		
82) Chrysene	14.73	228	159024	10.79	ng		98
85) Indeno(1,2,3-cd)pyrene	17.66	276	74836	5.86	ng		99
87) Benzo(b)fluoranthene	15.90	252	194133m	13.14	ng		
88) Benzo(k)fluoranthene	15.92	252	56342m	3.90	ng		
89) Benzo(a)pyrene	16.24	252	124630	9.16	ng	#	88
91) Benzo(g,h,i)perylene	18.07	276	73581	6.34	ng		95

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

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