Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093205.D
Acq On : 27 Feb 2017 13:31
Operator : SJ/MA
Sample : I1973-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-B2-BASE-4

Manual Integrations APPROVED
mohammad
2/28/2017 2:29:07 PM

Quant Time: Feb 27 18:11:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	154989	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	597802	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	242773	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	365179	20.00	ng		-0.01
75) Chrysene-d12	14.02	240	304679	20.00	ng		0.00
86) Perylene-d12	15.45	264	284551	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	856550	94.81	ng		-0.02
7) Phenol-d6	6.48	99	1033714	88.93	ng		-0.01
23) Nitrobenzene-d5	7.40	82	730646	68.06	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	172037	97.98	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1130894	84.39	ng		-0.01
78) Terphenyl-d14	12.96	244	699611	53.95	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.49	94	97667	7.18	ng		79
31) Naphthalene	8.14	128	179896	5.94	ng		98
48) Acenaphthylene	9.74	152	66938	2.82	ng		99
49) Dimethylphthalate	9.61	163	339006	20.73	ng		100
51) Acenaphthene	9.92	154	101184	7.12	ng		99
54) Dibenzofuran	10.09	168	97305	5.12	ng		93
57) Fluorene	10.43	166	99675	6.82	ng		97
70) Phenanthrene	11.40	178	1265109	60.47	ng		98
71) Anthracene	11.45	178	322291	15.34	ng		97
72) Carbazole	11.61	167	117962	5.87	ng		97
74) Fluoranthene	12.59	202	1459821	67.65	ng		95
77) Pyrene	12.82	202	1381053	60.57	ng		99
80) Benzo(a)anthracene	14.01	228	710838	38.15	ng		97
82) Chrysene	14.04	228	605542	34.71	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	31551	2.49	ng	#	96
85) Indeno(1,2,3-cd)pyrene	16.87	276	293232	21.70	ng		95
87) Benzo(b)fluoranthene	15.04	252	708736m	37.84	ng		
88) Benzo(k)fluoranthene	15.05	252	325803m	20.15	ng		
89) Benzo(a)pyrene	15.39	252	554730	34.24	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	76549	5.85	ng	#	77
91) Benzo(g,h,i)perylene	17.29	276	268903	20.33	ng	#	89

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

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