Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083448.D
Acq On : 3 Dec 2015 7:24
Operator : UM/IZ
Sample : G4582-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-01(0-4)

Manual Integrations APPROVED
Mmdadoda
12/3/2015 7:10:08 PM

Quant Time: Dec 03 10:30:58 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	147469	20.00	ng		-0.01
21) Naphthalene-d8	7.82	136	576547	20.00	ng		-0.01
38) Acenaphthene-d10	9.57	164	282679	20.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	441578	20.00	ng		-0.01
75) Chrysene-d12	14.75	240	348448	20.00	ng		-0.01
86) Perylene-d12	16.82	264	320274	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	1419392	144.43	ng		0.00
7) Phenol-d6	6.21	99	1820787	135.36	ng		-0.01
23) Nitrobenzene-d5	7.12	82	1277768	97.42	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	297885	104.98	ng		-0.02
44) 2-Fluorobiphenyl	8.91	172	1585604	79.93	ng		-0.01
78) Terphenyl-d14	13.21	244	1130656	77.38	ng		-0.01
Target Compounds							Qvalue
20) 3+4-Methylphenols	7.00	107	32709	2.67	ng		84
31) Naphthalene	7.85	128	469626	15.01	ng		98
37) 2-Methylnaphthalene	8.54	142	102939	4.92	ng		99
48) Acenaphthylene	9.44	152	1088411	36.12	ng		99
49) Dimethylphthalate	9.31	163	375546	16.35	ng		98
51) Acenaphthene	9.61	154	151250	8.53	ng		95
54) Dibenzofuran	9.78	168	68261	2.63	ng	#	92
57) Fluorene	10.12	166	222536	10.85	ng		93
70) Phenanthrene	11.15	178	2165046	82.85	ng		98
71) Anthracene	11.20	178	641627	24.39	ng		98
72) Carbazole	11.39	167	76602	3.24	ng	#	94
74) Fluoranthene	12.66	202	2783221	102.75	ng		99
77) Pyrene	12.98	202	3914874	160.88	ng		95
80) Benzo(a)anthracene	14.74	228	2138814m	100.19	ng		
82) Chrysene	14.80	228	1842559	89.33	ng		99
85) Indeno(1,2,3-cd)pyrene	18.21	276	1592735m	106.03	ng		
87) Benzo(b)fluoranthene	16.32	252	2936418m	142.89	ng		
88) Benzo(k)fluoranthene	16.35	252	659914m	34.01	ng		
89) Benzo(a)pyrene	16.76	252	2541846	144.01	ng	#	96
90) Dibenzo(a,h)anthracene	18.23	278	346873m	22.55	ng		
91) Benzo(g,h,i)perylene	18.60	276	1738123	115.15	ng		98

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

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