Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
Data File : BF097400.D
Acq On : 5 Aug 2017 16:37
Operator : SJ/JU
Sample : I4610-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-080317-B

Manual Integrations APPROVED
Sohil
8/7/2017 6:00:44 PM

Quant Time: Aug 06 04:41:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.42	152	135494	20.00	ng		-0.08
21) Naphthalene-d8	7.71	136	503422	20.00	ng		-0.08
38) Acenaphthene-d10	9.45	164	218972	20.00	ng		-0.08
63) Phenanthrene-d10	10.93	188	239138	20.00	ng		-0.08
75) Chrysene-d12	13.57	240	144530	20.00	ng		-0.06
86) Perylene-d12	14.90	264	148815	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	762968	84.89	ng		-0.08
7) Phenol-d6	6.10	99	926764	90.32	ng		-0.07
23) Nitrobenzene-d5	7.00	82	569434	66.36	ng		-0.08
41) 2,4,6-Tribromophenol	10.25	330	123056	71.13	ng		-0.08
44) 2-Fluorobiphenyl	8.79	172	847634	65.69	ng		-0.08
78) Terphenyl-d14	12.51	244	471524	66.52	ng		-0.08
Target Compounds							Qvalue
10) Phenol	6.11	94	29158	2.396	ng		85
31) Naphthalene	7.73	128	1261308	53.151	ng		100
37) 2-Methylnaphthalene	8.42	142	637838	42.451	ng		98
45) 1,1'-Biphenyl	8.88	154	174473	9.328	ng		98
48) Acenaphthylene	9.31	152	228259	10.805	ng	#	95
49) Dimethylphthalate	9.19	163	130809	7.867	ng		99
51) Acenaphthene	9.49	154	874346	70.263	ng		97
54) Dibenzofuran	9.66	168	1118392	67.475	ng		96
57) Fluorene	10.01	166	1376826	110.520	ng		98
70) Phenanthrene	10.99	178	4173420	325.715	ng		100
71) Anthracene	11.02	178	1757192m	133.898	ng		
72) Carbazole	11.17	167	813536	63.033	ng		100
74) Fluoranthene	12.16	202	3748765	298.649	ng		99
77) Pyrene	12.39	202	3014666	254.785	ng		98
80) Benzo(a)anthracene	13.56	228	1879211	200.948	ng		97
82) Chrysene	13.60	228	1394905	152.755	ng		96
85) Indeno(1,2,3-cd)pyrene	16.12	276	670451	85.624	ng	#	92
87) Benzo(b)fluoranthene	14.56	252	1626438m	181.814	ng		
88) Benzo(k)fluoranthene	14.58	252	517832m	60.747	ng		
89) Benzo(a)pyrene	14.87	252	1112433	135.874	ng		98
90) Dibenzo(a,h)anthracene	16.11	278	176274m	26.255	ng		
91) Benzo(g,h,i)perylene	16.47	276	613156	87.087	ng		98

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

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