Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104715.D
Acq On : 23 Apr 2018 17:48
Operator : JU/SJ
Sample : J2503-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT25773

Manual Integrations APPROVED
Sohil
4/24/2018 3:48:50 PM

Quant Time: Apr 24 09:31:13 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	108772	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	429994	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	176455	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	277576	20.00	ng		0.01
75) Chrysene-d12	14.00	240	167523	20.00	ng		0.02
86) Perylene-d12	15.47	264	148600	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	685902	96.42	ng		0.01
7) Phenol-d6	6.46	99	837766	95.85	ng		0.01
23) Nitrobenzene-d5	7.37	82	476770	72.40	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	164902	90.09	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	808915	72.42	ng		0.00
78) Terphenyl-d14	12.93	244	624050	84.93	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.46	94	51675	5.572	ng		90
31) Naphthalene	8.12	128	185623	8.669	ng		99
37) 2-Methylnaphthalene	8.80	142	56085	4.049	ng		99
48) Acenaphthylene	9.71	152	106660	5.806	ng		98
49) Dimethylphthalate	9.56	163	73026	5.248	ng		100
51) Acenaphthene	9.88	154	188819	16.846	ng		99
54) Dibenzofuran	10.05	168	160345	10.265	ng		97
57) Fluorene	10.40	166	227245	19.987	ng		99
70) Phenanthrene	11.38	178	2131651	137.899	ng		99
71) Anthracene	11.42	178	746785	47.526	ng		100
72) Carbazole	11.57	167	424384	27.639	ng		99
74) Fluoranthene	12.58	202	3035429	187.945	ng		99
77) Pyrene	12.81	202	2741019	220.740	ng		98
80) Benzo(a)anthracene	13.99	228	1592942	159.167	ng		98
82) Chrysene	14.03	228	1294911	125.967	ng		97
85) Indeno(1,2,3-cd)pyrene	16.96	276	691885	79.231	ng	#	91
87) Benzo(b)fluoranthene	15.06	252	1541282m	164.223	ng		
88) Benzo(k)fluoranthene	15.08	252	463926m	52.358	ng		
89) Benzo(a)pyrene	15.43	252	1039089	123.738	ng		95
90) Dibenzo(a,h)anthracene	16.96	278	191221m	27.726	ng		
91) Benzo(g,h,i)perylene	17.41	276	635092	95.046	ng		95

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

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