Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120692.D
Acq On : 22 Jun 2020 23:04
Operator : JU/CG
Sample : L3082-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-18

Manual Integrations APPROVED
Sohil
6/23/2020 2:03:45 PM

Quant Time: Jun 23 03:12:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	145793	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	550896	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	285475	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	576722	20.00	ng		0.00
76) Chrysene-d12	13.98	240	356223	20.00	ng		0.02
86) Perylene-d12	15.43	264	448223	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	791795	93.11	ng		0.00
7) Phenol-d6	6.43	99	1016981	96.02	ng		0.00
23) Nitrobenzene-d5	7.36	82	640135	64.95	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	321739	96.94	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1239511	66.43	ng		0.00
79) Terphenyl-d14	12.92	244	1528686	94.79	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.10	128	215657	7.972	ng		99
37) 2-Methylnaphthalene	8.79	142	61898	3.505	ng		100
38) 1-Methylnaphthalene	8.89	142	60675	3.651	ng		98
49) Acenaphthylene	9.69	152	563919	20.962	ng		98
50) Dimethylphthalate	9.55	163	113778	5.534	ng		99
52) Acenaphthene	9.86	154	120750	7.526	ng		100
55) Dibenzofuran	10.04	168	276882	11.255	ng		98
58) Fluorene	10.38	166	348733	18.388	ng		99
71) Phenanthrene	11.36	178	3583865	125.010	ng		98
72) Anthracene	11.40	178	855172	29.593	ng		100
73) Carbazole	11.55	167	527487	18.440	ng		99
75) Fluoranthene	12.56	202	5110538	155.915	ng		98
78) Pyrene	12.79	202	4742449	187.928	ng		95
81) Benzo(a)anthracene	13.97	228	2700235	126.170	ng	#	90
83) Chrysene	14.01	228	2464124m	112.247	ng		
87) Indeno(1,2,3-cd)pyrene	16.89	276	2061070	75.595	ng		96
88) Benzo(b)fluoranthene	15.02	252	3289572m	123.207	ng		
89) Benzo(k)fluoranthene	15.04	252	1111135m	47.031	ng		
90) Benzo(a)pyrene	15.38	252	2502151	104.714	ng		96
91) Dibenzo(a,h)anthracene	16.89	278	465842m	21.307	ng		
92) Benzo(g,h,i)perylene	17.32	276	1998198	90.672	ng		100

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

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