Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119012.D
Acq On : 22 Feb 2020 00:37
Operator : CG/JU
Sample : L1613-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14-EP1-2

Manual Integrations APPROVED
mohammad
2/24/2020 2:11:55 PM

Quant Time: Feb 24 03:58:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	145196	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	485182	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	224033	20.00	ng		0.00
64) Phenanthrene-d10	11.28	188	357278	20.00	ng		0.00
76) Chrysene-d12	13.95	240	245683	20.00	ng		0.04
87) Perylene-d12	15.39	264	316502	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	172232	19.82	ng		0.00
7) Phenol-d6	6.39	99	199280	18.86	ng		-0.01
23) Nitrobenzene-d5	7.31	82	120097	13.07	ng		-0.02
42) 2,4,6-Tribromophenol	10.58	330	45527	15.53	ng		0.00
45) 2-Fluorobiphenyl	9.11	172	235540	15.49	ng		-0.01
79) Terphenyl-d14	12.86	244	246716	17.29	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.41	94	32113	2.811	ng		86
20) 3+4-Methylphenols	7.18	107	21827	2.344	ng	#	58
30) 1,2,4-Trichlorobenzene	7.98	180	47864	5.248	ng		100
31) Naphthalene	8.06	128	1695648	67.388	ng		99
37) 2-Methylnaphthalene	8.75	142	476070	28.114	ng		98
38) 1-Methylnaphthalene	8.85	142	321926	20.215	ng		98
46) 1,1'-Biphenyl	9.21	154	163584	9.035	ng		98
49) Acenaphthylene	9.66	152	3264737	154.919	ng		97
52) Acenaphthene	9.82	154	147675	11.621	ng		97
55) Dibenzofuran	10.00	168	749264	39.504	ng		96
58) Fluorene	10.34	166	1032848	70.080	ng		99
71) Phenanthrene	11.32	178	5110554	262.292	ng		95
72) Anthracene	11.36	178	2876988	147.781	ng		97
73) Carbazole	11.50	167	500073	28.833	ng		100
75) Fluoranthene	12.53	202	7901155	382.032	ng		95
78) Pyrene	12.76	202	7577403m	384.093	ng		
81) Benzo(a)anthracene	13.94	228	6220976	371.624	ng	#	81
83) Chrysene	13.99	228	4513442	270.590	ng	#	89
86) Indeno(1,2,3-cd)pyrene	16.85	276	3825777	236.878	ng	#	93
88) Benzo(b)fluoranthene	15.00	252	7991661m	383.071	ng		
89) Benzo(k)fluoranthene	15.02	252	1689342m	87.380	ng		
90) Benzo(a)pyrene	15.36	252	5589394	296.857	ng		94
91) Dibenzo(a,h)anthracene	16.83	278	1170877m	70.675	ng		
92) Benzo(g,h,i)perylene	17.29	276	3623302	221.352	ng		98

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

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