Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118627.D
Acq On : 21 Jan 2020 9:27
Operator : CG/JU
Sample : L1148-03 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12-(4-6)

Manual Integrations APPROVED
mohammad
1/21/2020 2:27:00 PM

Quant Time: Jan 21 10:10:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	352476	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1224215	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	632657	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	937736	20.00	ng		0.00
76) Chrysene-d12	14.06	240	732845	20.00	ng		0.02
87) Perylene-d12	15.53	264	808999	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	108263	5.70	ng		0.00
7) Phenol-d6	6.50	99	143355	5.81	ng		-0.01
23) Nitrobenzene-d5	7.43	82	73760	3.37	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	27174	3.71	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	157153	4.08	ng		0.00
79) Terphenyl-d14	12.99	244	150355	4.47	ng		0.00
Target Compounds							Qvalue
17) 2-Methylphenol	7.13	107	84083	4.739	ng		98
20) 3+4-Methylphenols	7.28	107	91296	4.214	ng	#	71
27) 2,4-Dimethylphenol	7.83	122	82934	5.025	ng	#	92
31) Naphthalene	8.21	128	12026213	217.464	ng	#	89
37) 2-Methylnaphthalene	8.89	142	3618708	92.703	ng		97
38) 1-Methylnaphthalene	8.99	142	2419482	65.241	ng		100
46) 1,1'-Biphenyl	9.35	154	1194921	27.405	ng		95
49) Acenaphthylene	9.79	152	2024037	39.148	ng		97
52) Acenaphthene	9.96	154	1950647	56.423	ng		97
55) Dibenzofuran	10.13	168	3160341	65.964	ng		98
58) Fluorene	10.48	166	3711095	98.668	ng		99
71) Phenanthrene	11.46	178	8950751	197.849	ng		91
72) Anthracene	11.50	178	3887886	86.851	ng		98
73) Carbazole	11.64	167	1458126	35.512	ng		97
75) Fluoranthene	12.64	202	7013991	146.996	ng		94
78) Pyrene	12.87	202	6773816	136.147	ng		94
81) Benzo(a)anthracene	14.05	228	4523908m	102.619	ng		
83) Chrysene	14.09	228	3764919m	89.109	ng		
86) Indeno(1,2,3-cd)pyrene	17.02	276	1608509	43.815	ng		97
88) Benzo(b)fluoranthene	15.11	252	4802649m	94.445	ng		
89) Benzo(k)fluoranthene	15.13	252	1282935m	27.232	ng		
90) Benzo(a)pyrene	15.48	252	3544820	80.810	ng		97
91) Dibenzo(a,h)anthracene	17.03	278	493384m	12.715	ng		
92) Benzo(g,h,i)perylene	17.47	276	1374713	36.489	ng		98

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

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