Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134842.D
Acq On : 18 Aug 2023 16:06
Operator : CG\JU
Sample : 04047-04 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z83-84

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 18 16:34:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	126799	20.000	ng		0.00
21) Naphthalene-d8	8.080	136	392154	20.000	ng	#	0.00
39) Acenaphthene-d10	9.827	164	235620	20.000	ng		0.00
64) Phenanthrene-d10	11.321	188	324571	20.000	ng	#	0.00
76) Chrysene-d12	13.968	240	239642	20.000	ng	#	0.00
86) Perylene-d12	15.439	264	217891	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	28642	3.434	ng		-0.02
7) Phenol-d6	6.422	99	37234	3.492	ng		-0.02
23) Nitrobenzene-d5	7.351	82	25929	4.132	ng		-0.02
42) 2,4,6-Tribromophenol	10.616	330	5601	2.332	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	44646	3.151	ng		-0.02
79) Terphenyl-d14	12.910	244	32577	2.396	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.128	128	8976607	455.459	ng		96
37) 2-Methylnaphthalene	8.804	142	3395758	259.936	ng		99
38) 1-Methylnaphthalene	8.904	142	2332451	192.004	ng		97
46) 1,1'-Biphenyl	9.251	154	788008	43.008	ng		99
49) Acenaphthylene	9.704	152	2563149	118.771	ng		98
52) Acenaphthene	9.863	154	432140	30.900	ng		99
55) Dibenzofuran	10.033	168	209449	10.520	ng	#	87
58) Fluorene	10.386	166	1220894	84.193	ng		94
71) Phenanthrene	11.357	178	3278310	190.158	ng		99
72) Anthracene	11.398	178	1158210	65.771	ng		99
73) Carbazole	11.551	167	45178	2.873	ng	#	90
75) Fluoranthene	12.539	202	1324348	72.723	ng		97
78) Pyrene	12.774	202	1924442	92.804	ng		96
81) Benzo(a)anthracene	13.957	228	810664m	47.309	ng		
83) Chrysene	13.998	228	721223	43.201	ng		99
87) Indeno(1,2,3-cd)pyrene	16.915	276	131688	10.276	ng	#	94
88) Benzo(b)fluoranthene	15.009	252	456113m	34.323	ng		
89) Benzo(k)fluoranthene	15.033	252	142715m	10.781	ng		
90) Benzo(a)pyrene	15.374	252	492785	39.772	ng	#	96
91) Dibenzo(a,h)anthracene	16.933	278	36793	3.553	ng	#	96
92) Benzo(g,h,i)perylene	17.368	276	145073	13.733	ng	#	93

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

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