Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134833.D
Acq On : 18 Aug 2023 10:32
Operator : CG\JU
Sample : 04047-04 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 18 11:15:52 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

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	9105	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	26601	20.000	ng	#	0.00
39) Acenaphthene-d10	9.827	164	30217	20.000	ng		0.00
64) Phenanthrene-d10	11.321	188	25063	20.000	ng	#	0.00
76) Chrysene-d12	13.968	240	16162	20.000	ng	#	0.00
86) Perylene-d12	15.433	264	15558	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	34507	57.610	ng		-0.01
7) Phenol-d6	6.422	99	45890	59.934	ng		-0.02
23) Nitrobenzene-d5	7.351	82	29914	70.276	ng		-0.02
42) 2,4,6-Tribromophenol	10.616	330	8355	27.124	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	60162	33.104	ng		-0.02
79) Terphenyl-d14	12.910	244	42013	45.826	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.133	128	10188586	7620.959	ng		96
37) 2-Methylnaphthalene	8.810	142	3895201	4395.601	ng		98
38) 1-Methylnaphthalene	8.904	142	2762597	3352.534	ng		96
46) 1,1'-Biphenyl	9.251	154	977741	416.102	ng		99
49) Acenaphthylene	9.704	152	3033838	1096.199	ng		97
52) Acenaphthene	9.863	154	548901	306.044	ng		99
55) Dibenzofuran	10.033	168	271832	106.467	ng	#	87
58) Fluorene	10.386	166	1505296	809.429	ng		94
71) Phenanthrene	11.357	178	3912641	2939.085	ng		98
72) Anthracene	11.404	178	1471279	1081.982	ng		98
73) Carbazole	11.551	167	58774	48.408	ng	#	88
75) Fluoranthene	12.539	202	1581496	1124.649	ng		96
78) Pyrene	12.774	202	2255711	1612.926	ng		97
81) Benzo(a)anthracene	13.957	228	964726m	834.784	ng		
83) Chrysene	13.998	228	819436	727.794	ng		98
87) Indeno(1,2,3-cd)pyrene	16.915	276	143080	156.371	ng	#	95
88) Benzo(b)fluoranthene	15.009	252	542498m	571.733	ng		
89) Benzo(k)fluoranthene	15.033	252	168990m	178.782	ng		
90) Benzo(a)pyrene	15.374	252	568391	642.463	ng	#	95
91) Dibenzo(a,h)anthracene	16.927	278	40419	54.660	ng	#	89
92) Benzo(g,h,i)perylene	17.362	276	160070	212.209	ng	#	93

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

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