Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134832.D
Acq On : 18 Aug 2023 10:00
Operator : CG\JU
Sample : 04047-01 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z26-27

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

Quant Time: Aug 18 11:05:11 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	8557	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	23349	20.000	ng	#	0.00
39) Acenaphthene-d10	9.828	164	26182	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	22336	20.000	ng	#	0.00
76) Chrysene-d12	13.968	240	15814	20.000	ng	#	0.00
86) Perylene-d12	15.433	264	14838	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	43494	77.265	ng		-0.01
7) Phenol-d6	6.422	99	55844	77.605	ng		-0.02
23) Nitrobenzene-d5	7.351	82	35087	93.909	ng		-0.02
42) 2,4,6-Tribromophenol	10.616	330	9962	37.325	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	68858	43.728	ng		-0.02
79) Terphenyl-d14	12.910	244	47851	53.342	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.134	128	10692460	9111.776	ng		95
37) 2-Methylnaphthalene	8.810	142	3789279	4871.634	ng		100
38) 1-Methylnaphthalene	8.904	142	2688312	3716.764	ng		97
46) 1,1'-Biphenyl	9.251	154	952827	467.992	ng		99
49) Acenaphthylene	9.692	152	389330	162.354	ng	#	88
52) Acenaphthene	9.875	154	1931512	1242.900	ng		99
55) Dibenzofuran	10.033	168	212809	96.196	ng	#	86
58) Fluorene	10.386	166	1171641	727.109	ng		95
71) Phenanthrene	11.357	178	3429790	2890.928	ng		98
72) Anthracene	11.404	178	1278483	1054.988	ng		99
73) Carbazole	11.551	167	49176	45.448	ng	#	86
75) Fluoranthene	12.539	202	1445822	1153.696	ng		96
78) Pyrene	12.774	202	2109670	1541.696	ng		96
81) Benzo(a)anthracene	13.957	228	914381m	808.631	ng		
83) Chrysene	13.998	228	762539	692.164	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	20302	37.283	ng		100
87) Indeno(1,2,3-cd)pyrene	16.915	276	150035	171.929	ng	#	95
88) Benzo(b)fluoranthene	15.010	252	546702m	604.121	ng		
89) Benzo(k)fluoranthene	15.033	252	169432m	187.948	ng		
90) Benzo(a)pyrene	15.374	252	590211	699.498	ng	#	97
91) Dibenzo(a,h)anthracene	16.927	278	43544	61.743	ng	#	89
92) Benzo(g,h,i)perylene	17.362	276	164151	228.179	ng	#	91

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

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