Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134834.D
Acq On : 18 Aug 2023 11:03
Operator : CG\JU
Sample : 04047-03 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z60-61-Q

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

Quant Time: Aug 18 11:37:52 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	16698	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	67410	20.000	ng		# 0.00
39) Acenaphthene-d10	9.827	164	38496	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	55608	20.000	ng		# 0.00
76) Chrysene-d12	13.962	240	35469	20.000	ng		#-0.01
86) Perylene-d12	15.433	264	28781	20.000	ng		# 0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	105154	95.727	ng		-0.02
7) Phenol-d6	6.416	99	138921	98.933	ng		-0.02
23) Nitrobenzene-d5	7.345	82	82503	76.485	ng		-0.02
42) 2,4,6-Tribromophenol	10.616	330	31297	79.752	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	167108	72.176	ng		-0.02
79) Terphenyl-d14	12.910	244	131432	65.324	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.104	128	4529154	1336.862	ng		97
37) 2-Methylnaphthalene	8.792	142	1483278	660.518	ng		100
38) 1-Methylnaphthalene	8.886	142	1115785	534.330	ng		98
46) 1,1'-Biphenyl	9.245	154	324590	108.429	ng		98
49) Acenaphthylene	9.686	152	146493	41.548	ng	#	89
52) Acenaphthene	9.863	154	796870	348.749	ng		99
55) Dibenzofuran	10.033	168	68804	21.153	ng	#	84
58) Fluorene	10.374	166	464665	196.125	ng		95
71) Phenanthrene	11.345	178	1554398	526.260	ng		99
72) Anthracene	11.392	178	481866	159.716	ng		99
73) Carbazole	11.545	167	16341	6.066	ng	#	89
75) Fluoranthene	12.533	202	554896	177.851	ng		97
78) Pyrene	12.762	202	832339	271.192	ng		97
81) Benzo(a)anthracene	13.957	228	291692m	115.011	ng		
83) Chrysene	13.992	228	249155	100.835	ng		98
87) Indeno(1,2,3-cd)pyrene	16.909	276	46076	27.221	ng	#	93
88) Benzo(b)fluoranthene	15.004	252	159995m	91.148	ng		
89) Benzo(k)fluoranthene	15.027	252	59521m	34.039	ng		
90) Benzo(a)pyrene	15.368	252	178412	109.012	ng	#	97
91) Dibenzo(a,h)anthracene	16.927	278	12663	9.257	ng	#	90
92) Benzo(g,h,i)perylene	17.362	276	52946	37.943	ng	#	91

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

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