Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134837.D
Acq On : 18 Aug 2023 12:38
Operator : CG\JU
Sample : 04047-02 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 18 13:07:01 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-Z60-61

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	162854	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	650617	20.000	ng		# 0.00
39) Acenaphthene-d10	9.827	164	338117	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	522499	20.000	ng		# 0.00
76) Chrysene-d12	13.963	240	351761	20.000	ng		#-0.01
86) Perylene-d12	15.433	264	284328	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	69470	6.484	ng		-0.02
7) Phenol-d6	6.416	99	90576	6.614	ng		-0.02
23) Nitrobenzene-d5	7.345	82	54733	5.257	ng		-0.02
42) 2,4,6-Tribromophenol	10.616	330	20357	5.906	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	114324	5.622	ng		-0.02
79) Terphenyl-d14	12.904	244	92163	4.619	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.104	128	4201547	128.492	ng		97
37) 2-Methylnaphthalene	8.786	142	1408513	64.986	ng		100
38) 1-Methylnaphthalene	8.886	142	1015922	50.407	ng		97
46) 1,1'-Biphenyl	9.245	154	289296	11.003	ng		98
49) Acenaphthylene	9.686	152	140650	4.542	ng	#	92
52) Acenaphthene	9.863	154	724496	36.100	ng		99
55) Dibenzofuran	10.027	168	60555	2.120	ng	#	86
58) Fluorene	10.374	166	417694	20.072	ng		96
71) Phenanthrene	11.345	178	1388962	50.047	ng		100
72) Anthracene	11.392	178	430745	15.195	ng		100
75) Fluoranthene	12.533	202	492268	16.792	ng		98
78) Pyrene	12.763	202	739545	24.296	ng		98
81) Benzo(a)anthracene	13.957	228	264750m	10.526	ng		
83) Chrysene	13.986	228	225458	9.200	ng		98
87) Indeno(1,2,3-cd)pyrene	16.909	276	40662	2.432	ng	#	94
88) Benzo(b)fluoranthene	15.004	252	143047m	8.249	ng		
89) Benzo(k)fluoranthene	15.027	252	47247m	2.735	ng		
90) Benzo(a)pyrene	15.368	252	154697	9.568	ng	#	95
92) Benzo(g,h,i)perylene	17.356	276	46249	3.355	ng	#	92

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

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