Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
Data File : BF134657.D
Acq On : 07 Aug 2023 16:48
Operator : CG\JU
Sample : 03775-04DL2 125X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)DL2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2023
Supervised By :mohammad ahmed 08/08/2023

Quant Time: Aug 08 01:22:42 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	6.798	152	214634	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	830586	20.000	ng	#	0.00
39) Acenaphthene-d10	9.834	164	394133	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	615155	20.000	ng	#	0.00
76) Chrysene-d12	13.969	240	466111	20.000	ng	#	0.00
86) Perylene-d12	15.439	264	461832	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	10744	0.761	ng		-0.01
7) Phenol-d6	6.422	99	13794	0.764	ng		-0.02
23) Nitrobenzene-d5	7.351	82	6842	0.515	ng		-0.02
42) 2,4,6-Tribromophenol	10.616	330	1833	0.456	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	15435	0.651	ng		-0.01
79) Terphenyl-d14	12.910	244	13808	0.522	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.104	128	2585126	61.929	ng		98
37) 2-Methylnaphthalene	8.792	142	696256	25.163	ng		100
38) 1-Methylnaphthalene	8.887	142	469701	18.255	ng		98
46) 1,1'-Biphenyl	9.251	154	164590	5.370	ng		97
49) Acenaphthylene	9.692	152	281984	7.811	ng		98
52) Acenaphthene	9.863	154	136289	5.826	ng		100
55) Dibenzofuran	10.034	168	128544	3.860	ng	#	93
58) Fluorene	10.381	166	336075	13.855	ng		96
71) Phenanthrene	11.345	178	1470713	45.011	ng		100
72) Anthracene	11.398	178	431511	12.929	ng		100
73) Carbazole	11.551	167	107018	3.591	ng		98
75) Fluoranthene	12.539	202	927628	26.876	ng		98
78) Pyrene	12.769	202	970013	24.050	ng		98
81) Benzo(a)anthracene	13.957	228	508046	15.243	ng		94
83) Chrysene	13.992	228	406192	12.509	ng		98
87) Indeno(1,2,3-cd)pyrene	16.915	276	128415	4.728	ng	#	95
88) Benzo(b)fluoranthene	15.010	252	450022m	15.977	ng		
89) Benzo(k)fluoranthene	15.033	252	121835m	4.342	ng		
90) Benzo(a)pyrene	15.374	252	339125	12.913	ng	#	97
92) Benzo(g,h,i)perylene	17.362	276	116912	5.221	ng	#	91

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

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