Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134607.D
Acq On : 03 Aug 2023 13:02
Operator : CG\JU
Sample : 03775-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-12-(0-5)

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

Quant Time: Aug 04 01:07:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 02:20:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	169651	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	593569	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	254501	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	361031	20.000	ng	# 0.02
76) Chrysene-d12	14.010	240	131731m	20.000	ng	0.05
86) Perylene-d12	15.480	264	215469m	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	932535	83.557	ng	0.00
7) Phenol-d6	6.428	99	1162617	81.492	ng	0.00
23) Nitrobenzene-d5	7.357	82	656690	69.138	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	194102	74.816	ng	0.01
45) 2-Fluorobiphenyl	9.151	172	1050610	68.638	ng	0.00
79) Terphenyl-d14	12.939	244	879050	117.637	ng	0.03
Target Compounds						Qvalue
22) Acetophenone	7.192	105	32632	2.381	ng	# 80
31) Naphthalene	8.116	128	5868474	196.720	ng	96
37) 2-Methylnaphthalene	8.804	142	2902078	146.766	ng	98
38) 1-Methylnaphthalene	8.904	142	3159912	171.853	ng	97
46) 1,1'-Biphenyl	9.257	154	1326815	67.042	ng	98
49) Acenaphthylene	9.704	152	2512561	107.789	ng	# 96
52) Acenaphthene	9.875	154	1905655	126.153	ng	97
55) Dibenzofuran	10.045	168	914518	42.528	ng	# 90
58) Fluorene	10.404	166	3124928	199.507	ng	# 92
71) Phenanthrene	11.392	178	8993386	468.980	ng	97
72) Anthracene	11.433	178	4122180m	210.446	ng	
73) Carbazole	11.569	167	453316	25.919	ng	92
75) Fluoranthene	12.604	202	7590311	374.712	ng	96
78) Pyrene	12.845	202	10506660m	921.728	ng	
81) Benzo(a)anthracene	13.998	228	5441649	577.707	ng	# 90
83) Chrysene	14.045	228	4396896m	479.123	ng	
87) Indeno(1,2,3-cd)pyrene	16.998	276	2280458m	179.957	ng	
88) Benzo(b)fluoranthene	15.062	252	4613200m	351.048	ng	
89) Benzo(k)fluoranthene	15.086	252	1341078m	102.444	ng	
90) Benzo(a)pyrene	15.439	252	4752836	387.903	ng	94
91) Dibenzo(a,h)anthracene	17.004	278	703424	68.686	ng	# 87
92) Benzo(g,h,i)perylene	17.462	276	2497750	239.095	ng	# 92

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

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