Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130350.D
Acq On : 20 Sep 2022 18:23
Operator : CG\JU
Sample : N4713-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-091922

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

Quant Time: Sep 21 05:16:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 15:06:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.657	152	70448	20.000	ng		0.00
21) Naphthalene-d8	7.940	136	234109	20.000	ng		0.00
39) Acenaphthene-d10	9.692	164	113079	20.000	ng		0.00
64) Phenanthrene-d10	11.175	188	202561	20.000	ng		0.00
76) Chrysene-d12	13.822	240	185622	20.000	ng		0.02
86) Perylene-d12	15.216	264	136208	20.000	ng	#	0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.263	112	426981	105.125	ng		0.00
7) Phenol-d6	6.304	99	486234	95.676	ng		0.00
23) Nitrobenzene-d5	7.222	82	295402	64.464	ng		-0.01
42) 2,4,6-Tribromophenol	10.481	330	131053	120.952	ng		0.00
45) 2-Fluorobiphenyl	9.016	172	495814	63.849	ng		0.00
79) Terphenyl-d14	12.763	244	669021	59.703	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	7.963	128	62130	5.151	ng		97
37) 2-Methylnaphthalene	8.651	142	43923	5.712	ng		100
38) 1-Methylnaphthalene	8.751	142	65642	8.886	ng		98
49) Acenaphthylene	9.551	152	122057	11.916	ng	#	96
52) Acenaphthene	9.722	154	155639	23.126	ng		98
55) Dibenzofuran	9.892	168	139871	14.942	ng	#	89
58) Fluorene	10.239	166	251224	32.816	ng		99
71) Phenanthrene	11.216	178	3130406	275.258	ng		98
72) Anthracene	11.257	178	976879	89.011	ng		99
73) Carbazole	11.410	167	82165	8.296	ng		98
75) Fluoranthene	12.410	202	5006680	455.595	ng		97
78) Pyrene	12.639	202	4452948	274.225	ng		96
81) Benzo(a)anthracene	13.816	228	2238357	181.266	ng		98
83) Chrysene	13.857	228	1910872m	162.976	ng		
84) Bis(2-ethylhexyl)phtha...	13.804	149	19423	2.819	ng	#	86
87) Indeno(1,2,3-cd)pyrene	16.568	276	762603m	78.952	ng		
88) Benzo(b)fluoranthene	14.833	252	2024854m	227.761	ng		
89) Benzo(k)fluoranthene	14.857	252	528876m	60.475	ng		
90) Benzo(a)pyrene	15.174	252	1371209	194.686	ng		97
91) Dibenzo(a,h)anthracene	16.568	278	181833m	22.948	ng		
92) Benzo(g,h,i)perylene	16.968	276	681087	85.327	ng		98

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

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