Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
Data File : BF134639.D
Acq On : 04 Aug 2023 18:35
Operator : CG\JU
Sample : 03775-03DL 25X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-8-(0-5)DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

Quant Time: Aug 05 00:08:44 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	151471	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	541203	20.000	ng	#	0.00
39) Acenaphthene-d10	9.828	164	215793	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	365249	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	350191	20.000	ng	#	0.00
86) Perylene-d12	15.439	264	262940	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	17134	1.719	ng		-0.01
7) Phenol-d6	6.422	99	21975	1.725	ng		-0.02
23) Nitrobenzene-d5	7.351	82	13231	1.528	ng		-0.02
42) 2,4,6-Tribromophenol	10.616	330	2214	1.006	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	24335	1.875	ng		-0.01
79) Terphenyl-d14	12.910	244	28815	1.451	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.116	128	5028440	184.870	ng		97
37) 2-Methylnaphthalene	8.798	142	2051748	113.802	ng		100
38) 1-Methylnaphthalene	8.892	142	1502733	89.635	ng		97
46) 1,1'-Biphenyl	9.251	154	602274	35.891	ng		98
49) Acenaphthylene	9.692	152	1147848	58.076	ng		97
52) Acenaphthene	9.863	154	122917	9.597	ng		98
55) Dibenzofuran	10.034	168	107882	5.917	ng	#	82
58) Fluorene	10.381	166	800214	60.253	ng		95
71) Phenanthrene	11.357	178	2906036	149.791	ng		99
72) Anthracene	11.398	178	911909	46.017	ng		99
73) Carbazole	11.551	167	65353	3.694	ng		97
75) Fluoranthene	12.539	202	1464998	71.488	ng		95
78) Pyrene	12.775	202	2415909	79.726	ng		96
81) Benzo(a)anthracene	13.963	228	1109122m	44.293	ng		
83) Chrysene	13.998	228	930044	38.123	ng		97
87) Indeno(1,2,3-cd)pyrene	16.915	276	185432	11.991	ng	#	94
88) Benzo(b)fluoranthene	15.016	252	539345m	33.632	ng		
89) Benzo(k)fluoranthene	15.027	252	175162m	10.965	ng		
90) Benzo(a)pyrene	15.374	252	590554	39.496	ng	#	95
91) Dibenzo(a,h)anthracene	16.927	278	59599	4.769	ng	#	88
92) Benzo(g,h,i)perylene	17.368	276	208697	16.371	ng	#	91

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

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