Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
Data File : BF135636.D
Acq On : 06 Oct 2023 18:57
Operator : CG\JU
Sample : 04736-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11939

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

Quant Time: Oct 07 01:51:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	151687	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	557974	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	269357	20.000	ng		0.00
64) Phenanthrene-d10	11.275	188	453075	20.000	ng		0.00
76) Chrysene-d12	13.933	240	231534	20.000	ng		0.00
86) Perylene-d12	15.398	264	271235	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	1150499	123.361	ng		0.02
7) Phenol-d6	6.393	99	1506732	127.055	ng		0.00
23) Nitrobenzene-d5	7.310	82	919735	89.554	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	299716	111.970	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1452571	81.361	ng		0.00
79) Terphenyl-d14	12.869	244	1134647	75.968	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.039	128	27113	1.000	ng		97
38) 1-Methylnaphthalene	8.828	142	19015	1.114	ng		98
49) Acenaphthylene	9.639	152	64454	2.582	ng		100
52) Acenaphthene	9.810	154	415998	28.213	ng		98
55) Dibenzofuran	9.981	168	251595	11.182	ng	#	97
56) 4-Nitrophenol	9.928	139	3500	1.176	ng	#	32
58) Fluorene	10.328	166	479739	27.734	ng		99
66) n-Nitrosodiphenylamine	10.433	169	16988	1.238	ng	#	1
71) Phenanthrene	11.304	178	2032346	94.843	ng		98
72) Anthracene	11.351	178	429919	19.519	ng		98
73) Carbazole	11.510	167	83115	4.145	ng		98
75) Fluoranthene	12.510	202	3383144	151.518	ng		99
78) Pyrene	12.733	202	2447923	111.048	ng		99
81) Benzo(a)anthracene	13.921	228	800309	53.530	ng		97
83) Chrysene	13.957	228	650457	43.759	ng		99
84) Bis(2-ethylhexyl)phtha...	13.904	149	35183	4.418	ng		99
87) Indeno(1,2,3-cd)pyrene	16.880	276	133014	7.479	ng		99
88) Benzo(b)fluoranthene	14.974	252	538068m	36.646	ng		
89) Benzo(k)fluoranthene	14.998	252	153583m	10.589	ng		
90) Benzo(a)pyrene	15.339	252	315205	22.511	ng		100
91) Dibenzo(a,h)anthracene	16.892	278	37387	2.569	ng		96
92) Benzo(g,h,i)perylene	17.333	276	115516	7.601	ng		97

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

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