Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135868.D
Acq On : 19 Oct 2023 01:59
Operator : CG\JU
Sample : 04767-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q-3(10-15)

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

Quant Time: Oct 19 04:43:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	80403	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	290758	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	133483	20.000	ng		-0.01
64) Phenanthrene-d10	11.275	188	204470	20.000	ng		0.00
76) Chrysene-d12	13.945	240	157825	20.000	ng		0.00
86) Perylene-d12	15.422	264	147773	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	461724	92.327	ng		0.00
7) Phenol-d6	6.393	99	594223	95.231	ng		0.00
23) Nitrobenzene-d5	7.305	82	371405	70.254	ng		-0.01
42) 2,4,6-Tribromophenol	10.575	330	116008	90.569	ng		-0.01
45) 2-Fluorobiphenyl	9.093	172	639281	74.880	ng		-0.01
79) Terphenyl-d14	12.869	244	528205	61.979	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.040	128	171507	12.093	ng		99
37) 2-Methylnaphthalene	8.734	142	36065	3.860	ng		94
38) 1-Methylnaphthalene	8.828	142	58454	6.783	ng		97
49) Acenaphthylene	9.640	152	231809	19.008	ng		99
52) Acenaphthene	9.804	154	55352	7.573	ng		100
55) Dibenzofuran	9.981	168	139446	12.644	ng		96
58) Fluorene	10.328	166	100938	11.690	ng		98
71) Phenanthrene	11.304	178	1239612	126.555	ng		99
72) Anthracene	11.351	178	496739	48.940	ng		100
73) Carbazole	11.516	167	62256	6.577	ng		99
75) Fluoranthene	12.504	202	1443817	132.810	ng		99
78) Pyrene	12.734	202	1359202	108.375	ng		99
81) Benzo(a)anthracene	13.934	228	864019	83.347	ng		96
83) Chrysene	13.975	228	669631	66.691	ng		97
87) Indeno(1,2,3-cd)pyrene	16.927	276	196200	24.367	ng	#	93
88) Benzo(b)fluoranthene	14.998	252	658154m	79.580	ng		
89) Benzo(k)fluoranthene	15.022	252	245505m	30.576	ng		
90) Benzo(a)pyrene	15.363	252	491476	63.197	ng		98
91) Dibenzo(a,h)anthracene	16.927	278	56094	8.498	ng	#	87
92) Benzo(g,h,i)perylene	17.386	276	174863	25.790	ng		97

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

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