Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135872.D
Acq On : 19 Oct 2023 04:00
Operator : CG\JU
Sample : 04767-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q-4(0-5)

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

Quant Time: Oct 19 04:45:12 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	67450	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	243303	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	104347	20.000	ng		-0.01
64) Phenanthrene-d10	11.275	188	178835	20.000	ng		0.00
76) Chrysene-d12	13.945	240	133487	20.000	ng		0.00
86) Perylene-d12	15.421	264	110012	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	363486	86.641	ng		0.00
7) Phenol-d6	6.398	99	436118	83.315	ng		0.00
23) Nitrobenzene-d5	7.304	82	272400	61.577	ng		-0.01
42) 2,4,6-Tribromophenol	10.575	330	83886	83.778	ng		-0.01
45) 2-Fluorobiphenyl	9.098	172	444012	66.530	ng		0.00
79) Terphenyl-d14	12.869	244	373752	51.852	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.039	128	407709	34.356	ng		100
32) Benzoic acid	7.851	122	7984m	3.307	ng		
37) 2-Methylnaphthalene	8.734	142	126560	16.187	ng		98
38) 1-Methylnaphthalene	8.834	142	87028	12.068	ng		99
46) 1,1'-Biphenyl	9.198	154	30519	3.818	ng		96
49) Acenaphthylene	9.639	152	20080	2.106	ng	#	95
52) Acenaphthene	9.810	154	120091	21.017	ng		99
55) Dibenzofuran	9.986	168	144114	16.715	ng		96
58) Fluorene	10.328	166	182919	27.100	ng		99
71) Phenanthrene	11.304	178	980696	114.473	ng		100
72) Anthracene	11.351	178	340051	38.305	ng		99
73) Carbazole	11.516	167	117487	14.190	ng		99
75) Fluoranthene	12.504	202	1035939	108.951	ng		100
78) Pyrene	12.733	202	899443	84.792	ng		99
81) Benzo(a)anthracene	13.933	228	490072	55.894	ng		99
83) Chrysene	13.974	228	393440	46.328	ng		96
87) Indeno(1,2,3-cd)pyrene	16.933	276	133851m	22.330	ng		
88) Benzo(b)fluoranthene	14.998	252	372504m	60.501	ng		
89) Benzo(k)fluoranthene	15.015	252	136437m	22.825	ng		
90) Benzo(a)pyrene	15.363	252	247844	42.808	ng		98
91) Dibenzo(a,h)anthracene	16.933	278	33645m	6.847	ng		
92) Benzo(g,h,i)perylene	17.392	276	113734	22.532	ng		96

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

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