Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135801.D
Acq On : 17 Oct 2023 04:00
Operator : CG\JU
Sample : 04704-04 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

Quant Time: Oct 17 04:38:07 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	6.734	152	100130	20.000	ng		-0.01
21) Naphthalene-d8	8.016	136	352403	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	153068	20.000	ng		-0.01
64) Phenanthrene-d10	11.275	188	259410	20.000	ng		0.00
76) Chrysene-d12	13.945	240	153394	20.000	ng		0.00
86) Perylene-d12	15.421	264	134755	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	114046	18.312	ng		0.00
7) Phenol-d6	6.392	99	146197	18.814	ng		0.00
23) Nitrobenzene-d5	7.304	82	87362	13.635	ng		-0.01
42) 2,4,6-Tribromophenol	10.575	330	24263	16.519	ng		-0.01
45) 2-Fluorobiphenyl	9.092	172	163822	16.734	ng		-0.01
79) Terphenyl-d14	12.869	244	139982	16.900	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.039	128	980012	57.015	ng		99
37) 2-Methylnaphthalene	8.733	142	386607	34.138	ng		98
38) 1-Methylnaphthalene	8.833	142	733275	70.202	ng		98
46) 1,1'-Biphenyl	9.192	154	170683	14.557	ng		100
49) Acenaphthylene	9.639	152	402637	28.792	ng		98
52) Acenaphthene	9.804	154	116849	13.941	ng		99
55) Dibenzofuran	9.980	168	78873	6.236	ng	#	83
58) Fluorene	10.328	166	474535	47.927	ng		99
71) Phenanthrene	11.310	178	1826685	146.994	ng		100
72) Anthracene	11.351	178	392873	30.509	ng		99
73) Carbazole	11.516	167	30710	2.557	ng	#	91
75) Fluoranthene	12.504	202	1181966	85.697	ng		99
78) Pyrene	12.739	202	1692212	138.825	ng		98
81) Benzo(a)anthracene	13.933	228	615916	61.130	ng		93
83) Chrysene	13.968	228	546175	55.967	ng		97
87) Indeno(1,2,3-cd)pyrene	16.927	276	159904	21.778	ng	#	93
88) Benzo(b)fluoranthene	14.992	252	398511m	52.840	ng		
89) Benzo(k)fluoranthene	15.015	252	104834m	14.318	ng		
90) Benzo(a)pyrene	15.362	252	393874	55.539	ng		98
91) Dibenzo(a,h)anthracene	16.921	278	47745	7.932	ng	#	86
92) Benzo(g,h,i)perylene	17.380	276	170915	27.643	ng		95

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

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