Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135616.D
Acq On : 05 Oct 2023 23:56
Operator : CG\JU
Sample : 04622-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/07/2023
Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 06 03:49:49 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	6.739	152	127213	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	448438	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	200462	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	275933	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	184766	20.000	ng	# 0.01
86) Perylene-d12	15.404	264	182605	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	81203	10.382	ng	0.00
7) Phenol-d6	6.392	99	106508	10.709	ng	0.00
23) Nitrobenzene-d5	7.304	82	62114	7.525	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	13906	6.981	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	122568	9.225	ng	0.00
79) Terphenyl-d14	12.863	244	87299	7.324	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.051	128	4474588	205.367	ng	97
37) 2-Methylnaphthalene	8.739	142	1448343	98.890	ng	99
38) 1-Methylnaphthalene	8.833	142	1102668	80.415	ng	99
46) 1,1'-Biphenyl	9.192	154	517640	33.602	ng	99
49) Acenaphthylene	9.639	152	541530	29.152	ng	98
52) Acenaphthene	9.810	154	405246	36.929	ng	98
55) Dibenzofuran	9.986	168	1044253	62.360	ng	100
58) Fluorene	10.333	166	1351488	104.983	ng	100
71) Phenanthrene	11.316	178	3740359	286.608	ng	98
72) Anthracene	11.357	178	1385594	103.291	ng	100
73) Carbazole	11.510	167	443319	36.303	ng	99
75) Fluoranthene	12.515	202	3229569	237.496	ng	98
78) Pyrene	12.745	202	3021100	171.740	ng	98
81) Benzo(a)anthracene	13.933	228	1722808	144.400	ng	95
83) Chrysene	13.968	228	1455661	122.716	ng	97
87) Indeno(1,2,3-cd)pyrene	16.898	276	464228	38.774	ng	98
88) Benzo(b)fluoranthene	14.986	252	1373602m	138.957	ng	
89) Benzo(k)fluoranthene	15.009	252	387103m	39.643	ng	
90) Benzo(a)pyrene	15.351	252	956647	101.482	ng	98
91) Dibenzo(a,h)anthracene	16.898	278	140437m	14.336	ng	
92) Benzo(g,h,i)perylene	17.345	276	432565	42.280	ng	98

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

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