Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134330.D
Acq On : 17 Jul 2023 23:11
Operator : CG\JU
Sample : 03600-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-071223

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 01:18:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	67152	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	240778	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	111002	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	191765	20.000	ng	0.00
76) Chrysene-d12	14.057	240	104277	20.000	ng	# 0.02
86) Perylene-d12	15.568	264	102826	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	182174	45.380	ng	0.00
7) Phenol-d6	6.475	99	213841	43.314	ng	-0.01
23) Nitrobenzene-d5	7.398	82	137063	30.686	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	58835	42.274	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	265092	34.721	ng	-0.01
79) Terphenyl-d14	12.980	244	270314	41.720	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.145	128	1534002	131.897	ng	99
37) 2-Methylnaphthalene	8.845	142	1703523	207.128	ng	99
38) 1-Methylnaphthalene	8.945	142	1482590	193.908	ng	100
46) 1,1'-Biphenyl	9.292	154	115636	12.987	ng	98
49) Acenaphthylene	9.739	152	178393	16.030	ng	# 70
52) Acenaphthene	9.922	154	978405	151.510	ng	99
55) Dibenzofuran	10.092	168	812953	80.552	ng	97
58) Fluorene	10.445	166	1695968	216.000	ng	# 97
71) Phenanthrene	11.445	178	8029941	831.793	ng	98
72) Anthracene	11.480	178	2645464	263.465	ng	97
73) Carbazole	11.621	167	503168	54.748	ng	96
75) Fluoranthene	12.639	202	6114882	585.907	ng	98
78) Pyrene	12.874	202	6430728m	662.662	ng	
81) Benzo(a)anthracene	14.051	228	2394074	331.048	ng	97
83) Chrysene	14.092	228	1935993	276.394	ng	96
87) Indeno(1,2,3-cd)pyrene	17.133	276	622815	87.289	ng	# 91
88) Benzo(b)fluoranthene	15.133	252	1644083m	271.918	ng	
89) Benzo(k)fluoranthene	15.151	252	490916m	79.746	ng	
90) Benzo(a)pyrene	15.521	252	1431818m	244.895	ng	
91) Dibenzo(a,h)anthracene	17.139	278	161831	27.768	ng	94
92) Benzo(g,h,i)perylene	17.615	276	645555	107.415	ng	95

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

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