Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134141.D
Acq On : 07 Jul 2023 16:59
Operator : CG\JU
Sample : 03497-01 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-2-063023

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

Quant Time: Jul 07 23:06:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.846	152	103008	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	356003	20.000	ng		-0.01
39) Acenaphthene-d10	9.881	164	141498	20.000	ng		-0.01
64) Phenanthrene-d10	11.381	188	250536	20.000	ng		0.00
76) Chrysene-d12	14.045	240	158893	20.000	ng		0.00
86) Perylene-d12	15.551	264	138934	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	275154	44.683	ng		-0.01
7) Phenol-d6	6.475	99	330080	43.586	ng		-0.02
23) Nitrobenzene-d5	7.404	82	208697	31.601	ng		-0.02
42) 2,4,6-Tribromophenol	10.675	330	68089	38.379	ng		-0.01
45) 2-Fluorobiphenyl	9.198	172	348666	35.825	ng		-0.01
79) Terphenyl-d14	12.975	244	355066	35.964	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.145	128	112191	6.524	ng		100
37) 2-Methylnaphthalene	8.839	142	96273	7.917	ng		97
38) 1-Methylnaphthalene	8.939	142	99827	8.831	ng		99
49) Acenaphthylene	9.745	152	135859	9.577	ng		98
52) Acenaphthene	9.916	154	193310	23.483	ng		100
55) Dibenzofuran	10.086	168	174181	13.539	ng	#	97
58) Fluorene	10.434	166	360217	35.990	ng		98
71) Phenanthrene	11.410	178	2002010	158.733	ng		100
72) Anthracene	11.457	178	534650	40.756	ng		99
73) Carbazole	11.610	167	247621	20.623	ng		100
75) Fluoranthene	12.610	202	2378088	174.408	ng		98
78) Pyrene	12.845	202	2158943	146.001	ng		99
81) Benzo(a)anthracene	14.033	228	768296	69.721	ng		94
83) Chrysene	14.074	228	727054	68.120	ng		98
87) Indeno(1,2,3-cd)pyrene	17.098	276	205960	21.364	ng		96
88) Benzo(b)fluoranthene	15.110	252	510219m	62.455	ng		
89) Benzo(k)fluoranthene	15.133	252	214284m	25.762	ng		
90) Benzo(a)pyrene	15.486	252	469681	59.455	ng		96
91) Dibenzo(a,h)anthracene	17.110	278	50678	6.436	ng	#	77
92) Benzo(g,h,i)perylene	17.574	276	216598	26.673	ng		97

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

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