Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
Data File : BF134021.D
Acq On : 28 Jun 2023 09:04
Operator : CG\JU
Sample : 03362-20
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 28 09:23:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 23:12:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	103065	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	348470	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	146905	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	282081	20.000	ng		0.00
76) Chrysene-d12	14.051	240	148310	20.000	ng		0.00
86) Perylene-d12	15.557	264	125696	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	546198	88.649	ng		0.01
7) Phenol-d6	6.492	99	638398	84.252	ng		0.00
23) Nitrobenzene-d5	7.416	82	414659	64.144	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	160270	87.014	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	703763	69.650	ng		0.00
79) Terphenyl-d14	12.986	244	735200	79.782	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.151	128	37315	2.217	ng		99
37) 2-Methylnaphthalene	8.845	142	25513	2.143	ng		96
49) Acenaphthylene	9.751	152	35864	2.435	ng		96
52) Acenaphthene	9.922	154	138246	16.176	ng		98
55) Dibenzofuran	10.098	168	153101	11.463	ng		99
58) Fluorene	10.439	166	99721	9.597	ng		95
71) Phenanthrene	11.416	178	625222	44.028	ng		100
72) Anthracene	11.463	178	315326	21.349	ng		99
73) Carbazole	11.622	167	44007	3.255	ng		100
75) Fluoranthene	12.616	202	1056253	68.802	ng		98
78) Pyrene	12.845	202	828846	60.051	ng		99
81) Benzo(a)anthracene	14.039	228	285142	27.723	ng		97
83) Chrysene	14.074	228	222850	22.369	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	17371	2.920	ng	#	92
87) Indeno(1,2,3-cd)pyrene	17.109	276	82955m	9.511	ng		
88) Benzo(b)fluoranthene	15.110	252	231505m	31.322	ng		
89) Benzo(k)fluoranthene	15.139	252	88015m	11.696	ng		
90) Benzo(a)pyrene	15.492	252	155818	21.802	ng		99
91) Dibenzo(a,h)anthracene	17.121	278	24000	3.369	ng	#	86
92) Benzo(g,h,i)perylene	17.580	276	75922	10.334	ng		99

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

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