Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125613.D
Acq On : 24 Sep 2021 2:35
Operator : JU/CG
Sample : M3872-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01

Manual Integrations APPROVED
mohammad
9/24/2021 5:30:26 PM

Quant Time: Sep 24 04:21:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:21:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	219104	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	858812	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	471428	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	746434	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	532257	20.000	ng	0.00
86) Perylene-d12	15.545	264	602786	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	997009	71.958	ng	0.00
7) Phenol-d6	6.510	99	1208395	67.643	ng	-0.01
23) Nitrobenzene-d5	7.451	82	726493	53.955	ng	-0.01
42) 2,4,6-Tribromophenol	10.721	330	306129	66.298	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1483230	52.660	ng	0.00
79) Terphenyl-d14	13.010	244	1389477	42.155	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.210	128	4205148	95.341	ng	# 94
37) 2-Methylnaphthalene	8.904	142	3391404	113.522	ng	96
38) 1-Methylnaphthalene	9.004	142	3244951	115.766	ng	100
46) 1,1'-Biphenyl	9.357	154	301155	8.478	ng	99
49) Acenaphthylene	9.798	152	299936	6.918	ng	# 72
52) Acenaphthene	9.969	154	733095	26.785	ng	93
55) Dibenzofuran	10.139	168	278493	6.857	ng	# 71
58) Fluorene	10.486	166	1145241	36.662	ng	98
66) n-Nitrosodiphenylamine	10.592	169	164890	6.085	ng	# 87
71) Phenanthrene	11.457	178	3633658m	86.663	ng	
72) Anthracene	11.498	178	1106199	26.467	ng	99
75) Fluoranthene	12.639	202	1242986	30.218	ng	96
78) Pyrene	12.868	202	2208065	44.269	ng	94
81) Benzo(a)anthracene	14.051	228	646931m	17.855	ng	
83) Chrysene	14.086	228	532575	14.551	ng	96
87) Indeno(1,2,3-cd)pyrene	17.021	276	161594	3.734	ng	94
88) Benzo(b)fluoranthene	15.104	252	407813m	9.251	ng	
89) Benzo(k)fluoranthene	15.133	252	81406m	2.019	ng	
90) Benzo(a)pyrene	15.474	252	460151	11.993	ng	98
92) Benzo(g,h,i)perylene	17.468	276	197347	5.452	ng	92

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

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