Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132282.D
Acq On : 02 Feb 2023 02:54
Operator : CG\JU
Sample : 01385-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-013123

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

Quant Time: Feb 02 04:00:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 02 01:30:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.072	152	178489	20.000	ng	0.00
21) Naphthalene-d8	8.360	136	651935	20.000	ng	0.00
39) Acenaphthene-d10	10.125	164	292690	20.000	ng	0.00
64) Phenanthrene-d10	11.631	188	460167	20.000	ng	0.00
76) Chrysene-d12	14.307	240	208062	20.000	ng	0.02
86) Perylene-d12	15.907	264	211442	20.000	ng	# 0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	258490	23.279	ng	0.00
7) Phenol-d6	6.678	99	305340	22.304	ng	0.00
23) Nitrobenzene-d5	7.625	82	163542	13.959	ng	-0.01
42) 2,4,6-Tribromophenol	10.919	330	60305	20.035	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	301800	15.923	ng	0.00
79) Terphenyl-d14	13.219	244	232084	21.577	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.384	128	1539585	47.977	ng	99
37) 2-Methylnaphthalene	9.078	142	777614	35.774	ng	99
38) 1-Methylnaphthalene	9.178	142	760692	37.658	ng	100
46) 1,1'-Biphenyl	9.537	154	289528	12.831	ng	99
49) Acenaphthylene	9.984	152	342854	12.223	ng	# 94
52) Acenaphthene	10.166	154	1351846	76.982	ng	98
55) Dibenzofuran	10.336	168	1735971	70.358	ng	97
58) Fluorene	10.689	166	1972814	103.894	ng	99
71) Phenanthrene	11.683	178	9213064	383.137	ng	92
72) Anthracene	11.725	178	3599667	147.095	ng	95
73) Carbazole	11.860	167	1050374	47.869	ng	99
75) Fluoranthene	12.889	202	8801091	358.661	ng	93
78) Pyrene	13.119	202	7645058m	456.842	ng	
81) Benzo(a)anthracene	14.301	228	3465452	238.140	ng	94
83) Chrysene	14.342	228	2850186m	209.168	ng	
87) Indeno(1,2,3-cd)pyrene	17.583	276	1314146	93.537	ng	# 90
88) Benzo(b)fluoranthene	15.436	252	3447316m	256.493	ng	
89) Benzo(k)fluoranthene	15.460	252	835087m	65.093	ng	
90) Benzo(a)pyrene	15.854	252	2435339	194.587	ng	96
91) Dibenzo(a,h)anthracene	17.589	278	319070	28.247	ng	96
92) Benzo(g,h,i)perylene	18.095	276	1196834	102.561	ng	95

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

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