Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
Data File : BF134805.D
Acq On : 16 Aug 2023 13:11
Operator : CG\JU
Sample : 03994-01DL 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z22-23DL

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

Quant Time: Aug 17 01:32:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	160698	20.000	ng		0.00
21) Naphthalene-d8	8.087	136	573989	20.000	ng		# 0.00
39) Acenaphthene-d10	9.839	164	254077	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	383764	20.000	ng		# 0.00
76) Chrysene-d12	13.974	240	273180	20.000	ng		# 0.00
86) Perylene-d12	15.451	264	204614	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	3083	0.292	ng		0.00
7) Phenol-d6	6.428	99	4616	0.342	ng		-0.01
23) Nitrobenzene-d5	7.357	82	3567	0.388	ng		-0.01
42) 2,4,6-Tribromophenol	10.628	330	601	0.232	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	7531	0.493	ng		0.00
79) Terphenyl-d14	12.916	244	6956	0.449	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.122	128	5888127	204.111	ng		96
37) 2-Methylnaphthalene	8.804	142	2175478	113.773	ng		99
38) 1-Methylnaphthalene	8.904	142	1469117	82.624	ng		97
46) 1,1'-Biphenyl	9.257	154	453930	22.975	ng		98
49) Acenaphthylene	9.698	152	170410	7.323	ng	#	91
52) Acenaphthene	9.875	154	1072483	71.116	ng		100
55) Dibenzofuran	10.039	168	82577	3.846	ng	#	86
58) Fluorene	10.386	166	554324	35.449	ng		96
71) Phenanthrene	11.357	178	1816522	89.115	ng		99
72) Anthracene	11.404	178	592194	28.442	ng		98
75) Fluoranthene	12.545	202	816971	37.942	ng		97
78) Pyrene	12.774	202	1198319	50.693	ng		97
81) Benzo(a)anthracene	13.968	228	365204m	18.696	ng		
83) Chrysene	14.004	228	310811	16.332	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	71002	5.900	ng	#	95
88) Benzo(b)fluoranthene	15.021	252	190071m	15.231	ng		
89) Benzo(k)fluoranthene	15.045	252	51687m	4.158	ng		
90) Benzo(a)pyrene	15.386	252	214137	18.404	ng	#	97
92) Benzo(g,h,i)perylene	17.398	276	79189	7.982	ng	#	87

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

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