Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134677.D
Acq On : 08 Aug 2023 18:06
Operator : CG\JU
Sample : 03920-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-3-080723

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

Quant Time: Aug 09 02:19:31 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	6.804	152	177209	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	649512	20.000	ng		# 0.00
39) Acenaphthene-d10	9.833	164	284830	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	492171	20.000	ng		# 0.00
76) Chrysene-d12	13.980	240	308471	20.000	ng		# 0.00
86) Perylene-d12	15.457	264	267388	20.000	ng		# 0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	995293	85.376	ng		0.00
7) Phenol-d6	6.440	99	1238287	83.095	ng		0.00
23) Nitrobenzene-d5	7.363	82	700153	67.365	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	246814	85.004	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1141602	66.641	ng		0.00
79) Terphenyl-d14	12.921	244	1125178	64.302	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.098	128	658997	20.188	ng		99
37) 2-Methylnaphthalene	8.792	142	658786	30.447	ng		97
38) 1-Methylnaphthalene	8.892	142	628052	31.215	ng		98
46) 1,1'-Biphenyl	9.257	154	72111	3.256	ng		98
49) Acenaphthylene	9.692	152	185699	7.118	ng	#	92
52) Acenaphthene	9.869	154	980148	57.976	ng		99
55) Dibenzofuran	10.045	168	1001160	41.599	ng		92
58) Fluorene	10.386	166	1206066	68.801	ng		96
71) Phenanthrene	11.363	178	4047553	154.829	ng		98
72) Anthracene	11.410	178	1473767	55.191	ng		98
73) Carbazole	11.557	167	468571	19.653	ng		99
75) Fluoranthene	12.557	202	3664170	132.691	ng		97
78) Pyrene	12.786	202	3245109	121.574	ng		95
81) Benzo(a)anthracene	13.974	228	1341511	60.820	ng		97
83) Chrysene	14.010	228	1177334	54.787	ng		97
87) Indeno(1,2,3-cd)pyrene	16.957	276	346008	22.003	ng	#	94
88) Benzo(b)fluoranthene	15.027	252	955785m	58.609	ng		
89) Benzo(k)fluoranthene	15.051	252	314635m	19.368	ng		
90) Benzo(a)pyrene	15.398	252	705154	46.376	ng	#	93
91) Dibenzo(a,h)anthracene	16.968	278	87069	6.851	ng	#	74
92) Benzo(g,h,i)perylene	17.409	276	330270	25.476	ng	#	90

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

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