Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
Data File : BF134789.D
Acq On : 15 Aug 2023 17:45
Operator : CG\JU
Sample : 03994-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023

Quant Time: Aug 16 03:12:39 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	168778	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	255775	20.000	ng	# 0.01
39) Acenaphthene-d10	9.845	164	276019	20.000	ng	0.01
64) Phenanthrene-d10	11.333	188	386679	20.000	ng	# 0.01
76) Chrysene-d12	13.992	240	303759	20.000	ng	# 0.02
86) Perylene-d12	15.457	264	275740	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	42440	3.822	ng	-0.01
7) Phenol-d6	6.428	99	52230	3.680	ng	-0.01
23) Nitrobenzene-d5	7.322	82	3410	0.833	ng	-0.05
42) 2,4,6-Tribromophenol	10.633	330	8921	3.171	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	67943	4.093	ng	0.00
79) Terphenyl-d14	12.921	244	62108	3.604	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.186	128	21588682	1679.429	ng	# 91
37) 2-Methylnaphthalene	8.851	142	8171055	958.973	ng	98
38) 1-Methylnaphthalene	8.945	142	5493846	693.381	ng	97
46) 1,1'-Biphenyl	9.275	154	2553446	118.964	ng	98
49) Acenaphthylene	9.710	152	1056822	41.803	ng	# 85
52) Acenaphthene	9.910	154	4649964	283.826	ng	99
55) Dibenzofuran	10.057	168	629650	26.998	ng	# 91
58) Fluorene	10.410	166	3089344	181.859	ng	93
71) Phenanthrene	11.392	178	8377762	407.899	ng	97
72) Anthracene	11.433	178	3258928	155.340	ng	95
73) Carbazole	11.563	167	183175	9.779	ng	94
75) Fluoranthene	12.569	202	4468108	205.947	ng	96
78) Pyrene	12.810	202	5990508m	227.908	ng	
81) Benzo(a)anthracene	13.980	228	3069029m	141.298	ng	
83) Chrysene	14.021	228	2518933	119.035	ng	95
87) Indeno(1,2,3-cd)pyrene	16.956	276	758079	46.746	ng	# 96
88) Benzo(b)fluoranthene	15.033	252	2015483m	119.847	ng	
89) Benzo(k)fluoranthene	15.057	252	603338m	36.015	ng	
90) Benzo(a)pyrene	15.410	252	2187464	139.507	ng	# 96
91) Dibenzo(a,h)anthracene	16.962	278	204096	15.573	ng	# 92
92) Benzo(g,h,i)perylene	17.409	276	818929	61.257	ng	# 92

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

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