Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011124\
Data File : BF137041.D
Acq On : 11 Jan 2024 16:17
Operator : CG\JU
Sample : P1070-01DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-010824DL

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/12/2024
Supervised By :mohammad ahmed 01/13/2024

Quant Time: Jan 11 16:37:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	45839	20.000	ng		-0.01
21) Naphthalene-d8	8.057	136	156057	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	69721	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	130299	20.000	ng		0.00
76) Chrysene-d12	13.974	240	124686	20.000	ng		0.00
86) Perylene-d12	15.462	264	94818	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	87488	29.779	ng		0.00
7) Phenol-d6	6.434	99	102164	26.838	ng		0.00
23) Nitrobenzene-d5	7.345	82	59376	19.469	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	23950	29.167	ng		0.00
45) 2-Fluorobiphenyl	9.133	172	111305	21.472	ng		-0.02
79) Terphenyl-d14	12.910	244	128005	14.347	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.081	128	37484	4.372	ng		99
37) 2-Methylnaphthalene	8.775	142	25663	4.651	ng		99
38) 1-Methylnaphthalene	8.875	142	23977	4.429	ng		94
49) Acenaphthylene	9.680	152	24876	3.659	ng		95
52) Acenaphthene	9.851	154	15581	3.697	ng		96
55) Dibenzofuran	10.022	168	26602	4.164	ng	#	94
58) Fluorene	10.369	166	40507	7.992	ng		93
71) Phenanthrene	11.339	178	278522	41.659	ng		100
72) Anthracene	11.386	178	78008	11.521	ng		98
73) Carbazole	11.551	167	15995	2.506	ng	#	93
75) Fluoranthene	12.539	202	390602	54.619	ng		98
78) Pyrene	12.768	202	334218	27.305	ng		99
81) Benzo(a)anthracene	13.963	228	185030	21.371	ng		97
83) Chrysene	13.998	228	146021	17.247	ng		97
87) Indeno(1,2,3-cd)pyrene	16.986	276	45761	6.684	ng		96
88) Benzo(b)fluoranthene	15.027	252	144986m	22.894	ng		
89) Benzo(k)fluoranthene	15.051	252	46203m	7.721	ng		
90) Benzo(a)pyrene	15.398	252	94630	17.702	ng		96
91) Dibenzo(a,h)anthracene	16.992	278	13831	2.463	ng	#	83
92) Benzo(g,h,i)perylene	17.451	276	39122	6.801	ng	#	90

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

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