Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126241.D
Acq On : 17 Dec 2021 18:25
Operator : JU/CG
Sample : M5083-08DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BB3DL

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

Quant Time: Dec 17 18:45:20 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	219524	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	854037	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	330639	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	448513	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	382921	20.000	ng	#	0.00
86) Perylene-d12	15.421	264	287054	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	793214	53.212	ng		0.00
7) Phenol-d6	6.434	99	966302	51.052	ng		-0.01
23) Nitrobenzene-d5	7.375	82	578837	36.707	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	116372	43.796	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	771108	40.904	ng		0.00
79) Terphenyl-d14	12.921	244	581329	26.387	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.122	128	992593	24.852	ng		98
37) 2-Methylnaphthalene	8.810	142	389210	15.824	ng		98
38) 1-Methylnaphthalene	8.910	142	212484	8.902	ng		95
46) 1,1'-Biphenyl	9.275	154	167740	6.861	ng		97
52) Acenaphthene	9.886	154	487710	26.757	ng		98
55) Dibenzofuran	10.057	168	491279	19.796	ng		97
58) Fluorene	10.398	166	488259	27.177	ng		100
71) Phenanthrene	11.363	178	1374356	59.370	ng		97
72) Anthracene	11.410	178	192355	8.279	ng		99
73) Carbazole	11.563	167	165931	7.583	ng		98
75) Fluoranthene	12.551	202	978737	46.926	ng		91
78) Pyrene	12.780	202	751515	21.362	ng		97
81) Benzo(a)anthracene	13.962	228	270638	11.932	ng		98
83) Chrysene	13.998	228	255975	10.862	ng		97
84) Bis(2-ethylhexyl)phtha...	13.962	149	65370	3.534	ng	#	98
87) Indeno(1,2,3-cd)pyrene	16.839	276	59157	3.090	ng		93
88) Benzo(b)fluoranthene	14.998	252	211573m	12.267	ng		
89) Benzo(k)fluoranthene	15.027	252	77275m	4.683	ng		
90) Benzo(a)pyrene	15.356	252	123087	8.586	ng	#	96
92) Benzo(g,h,i)perylene	17.268	276	55926	3.473	ng	#	91

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

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