Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130509.D
Acq On : 03 Oct 2022 20:32
Operator : CG\JU
Sample : N4907-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022

Quant Time: Oct 04 03:20:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.640	152	69440	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	262846	20.000	ng	0.00
39) Acenaphthene-d10	9.669	164	106144	20.000	ng	-0.01
64) Phenanthrene-d10	11.157	188	215049	20.000	ng	0.00
76) Chrysene-d12	13.804	240	176492	20.000	ng	0.01
86) Perylene-d12	15.192	264	120694	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	430763	107.595	ng	0.00
7) Phenol-d6	6.281	99	499323	99.678	ng	-0.01
23) Nitrobenzene-d5	7.204	82	370708	72.053	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	102884	101.158	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	433249	59.437	ng	-0.01
79) Terphenyl-d14	12.745	244	529385	49.686	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.951	128	2960906	218.654	ng	98
37) 2-Methylnaphthalene	8.634	142	759078	87.918	ng	99
38) 1-Methylnaphthalene	8.734	142	484802	58.451	ng	98
46) 1,1'-Biphenyl	9.098	154	196976	24.848	ng	99
49) Acenaphthylene	9.534	152	178174	18.531	ng	98
52) Acenaphthene	9.704	154	262215	41.508	ng	99
55) Dibenzofuran	9.881	168	937436	106.686	ng	98
58) Fluorene	10.222	166	710163	98.825	ng	99
71) Phenanthrene	11.210	178	7438780	616.112	ng	93
72) Anthracene	11.245	178	1582779	135.844	ng	99
73) Carbazole	11.398	167	1374213	130.688	ng	99
75) Fluoranthene	12.398	202	6525261	559.301	ng	93
78) Pyrene	12.622	202	5579346	361.366	ng	95
81) Benzo(a)anthracene	13.798	228	2664712	226.956	ng	98
83) Chrysene	13.839	228	2121267m	190.279	ng	
84) Bis(2-ethylhexyl)phtha...	13.798	149	14337	2.188	ng	# 83
87) Indeno(1,2,3-cd)pyrene	16.527	276	696997	81.435	ng	96
88) Benzo(b)fluoranthene	14.816	252	2204293m	279.816	ng	
89) Benzo(k)fluoranthene	14.833	252	626532m	80.851	ng	
90) Benzo(a)pyrene	15.145	252	1273001	203.975	ng	97
91) Dibenzo(a,h)anthracene	16.527	278	190826m	27.178	ng	
92) Benzo(g,h,i)perylene	16.927	276	612253	86.563	ng	99

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

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