Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133423.D
Acq On : 17 May 2023 20:22
Operator : CG\JU
Sample : 02812-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WG-0516-B1-0-3

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

Quant Time: May 18 04:05:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 16 14:39:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.710	152	206089	20.000	ng		-0.01
21) Naphthalene-d8	7.998	136	829698	20.000	ng		-0.01
39) Acenaphthene-d10	9.751	164	425673	20.000	ng		-0.01
64) Phenanthrene-d10	11.233	188	741983	20.000	ng		-0.01
76) Chrysene-d12	13.869	240	378182	20.000	ng		-0.02
86) Perylene-d12	15.292	264	478423	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	1181736	86.620	ng		0.00
7) Phenol-d6	6.357	99	1461086	86.284	ng		-0.01
23) Nitrobenzene-d5	7.281	82	881126	57.323	ng		-0.01
42) 2,4,6-Tribromophenol	10.539	330	372606	87.038	ng		-0.01
45) 2-Fluorobiphenyl	9.075	172	1675300	65.843	ng		-0.01
79) Terphenyl-d14	12.822	244	1539289	70.198	ng		-0.01
Target Compounds							Qvalue
52) Acenaphthene	9.781	154	90973	3.441	ng		98
55) Dibenzofuran	9.951	168	72629	2.014	ng	#	97
58) Fluorene	10.292	166	97474	3.689	ng		97
71) Phenanthrene	11.257	178	1005025	25.202	ng		99
72) Anthracene	11.310	178	286702	7.025	ng		99
73) Carbazole	11.463	167	95852	2.638	ng		98
75) Fluoranthene	12.445	202	944058	23.588	ng		97
78) Pyrene	12.675	202	750252	23.142	ng		100
81) Benzo(a)anthracene	13.857	228	322552	12.403	ng		99
83) Chrysene	13.892	228	275188	10.584	ng		95
87) Indeno(1,2,3-cd)pyrene	16.668	276	142369	5.232	ng	#	91
88) Benzo(b)fluoranthene	14.886	252	371346m	12.201	ng		
89) Benzo(k)fluoranthene	14.910	252	127351m	4.221	ng		
90) Benzo(a)pyrene	15.233	252	284739	10.278	ng		99
92) Benzo(g,h,i)perylene	17.080	276	109878	4.903	ng		96

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

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