Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134609.D
Acq On : 03 Aug 2023 14:06
Operator : CG\JU
Sample : 03775-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

Quant Time: Aug 04 01:07:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 02:20:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	158684	20.000	ng		0.01
21) Naphthalene-d8	8.092	136	161668m	20.000	ng		0.02
39) Acenaphthene-d10	9.845	164	225931	20.000	ng	#	0.02
64) Phenanthrene-d10	11.345	188	198163	20.000	ng	#	0.03
76) Chrysene-d12	14.063	240	67851m	20.000	ng		0.10
86) Perylene-d12	15.545	264	225957	20.000	ng	#	0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	480845	46.062	ng		0.01
7) Phenol-d6	6.440	99	1136844	85.193	ng		0.01
23) Nitrobenzene-d5	7.363	82	593773	229.523	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	135848	58.984	ng		0.03
45) 2-Fluorobiphenyl	9.163	172	1011289	74.424	ng		0.01
79) Terphenyl-d14	12.963	244	592571	153.958	ng		0.05
Target Compounds							Qvalue
10) Phenol	6.451	94	119885	9.117	ng		83
20) 3+4-Methylphenols	7.204	107	58848	5.244	ng	#	66
27) 2,4-Dimethylphenol	7.763	122	53621m	21.298	ng		
31) Naphthalene	8.216	128	34618817	4260.709	ng	#	84
37) 2-Methylnaphthalene	8.863	142	11558280	2146.127	ng		99
38) 1-Methylnaphthalene	8.963	142	7829320m	1563.341	ng		
46) 1,1'-Biphenyl	9.281	154	4740705	269.833	ng		96
49) Acenaphthylene	9.745	152	6676514	322.643	ng		97
52) Acenaphthene	9.904	154	3613198	269.437	ng		100
55) Dibenzofuran	10.075	168	3938017	206.286	ng		98
58) Fluorene	10.439	166	7364277	529.617	ng		95
71) Phenanthrene	11.463	178	26572188	2524.526	ng	#	92
72) Anthracene	11.504	178	7939538m	738.466	ng		
73) Carbazole	11.616	167	4605722	479.782	ng		98
75) Fluoranthene	12.663	202	18252443	1641.650	ng		93
78) Pyrene	12.898	202	16765196m	2855.475	ng		
81) Benzo(a)anthracene	14.051	228	11256992	2320.231	ng		94
83) Chrysene	14.092	228	4945148m	1046.193	ng		
84) Bis(2-ethylhexyl)phtha...	13.957	149	6101	2.611	ng	#	37
87) Indeno(1,2,3-cd)pyrene	17.104	276	4603756	346.431	ng		98
88) Benzo(b)fluoranthene	15.121	252	11249555m	816.316	ng		
89) Benzo(k)fluoranthene	15.151	252	2131920m	155.296	ng		
90) Benzo(a)pyrene	15.504	252	8722068	678.810	ng		94
91) Dibenzo(a,h)anthracene	17.086	278	1318988	122.815	ng	#	84
92) Benzo(g,h,i)perylene	17.562	276	4114801	375.604	ng	#	91

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

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