Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055751.D
Acq On : 22 Nov 2022 22:45
Operator : CG/JU
Sample : N5723-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 23 01:41:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 01:35:20 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
OR-3-111822

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.243	152	41560	20.000	ng		0.00
21) Naphthalene-d8	11.075	136	177330	20.000	ng		0.00
39) Acenaphthene-d10	14.865	164	118438	20.000	ng		0.00
64) Phenanthrene-d10	17.609	188	247557	20.000	ng		0.00
76) Chrysene-d12	21.910	240	233171	20.000	ng		0.00
86) Perylene-d12	25.323	264	251086	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.776	112	327480	142.427	ng		0.00
7) Phenol-d6	7.391	99	433022	141.477	ng		0.00
23) Nitrobenzene-d5	9.418	82	277503	82.712	ng		0.00
42) 2,4,6-Tribromophenol	16.351	330	199415	119.571	ng		0.00
45) 2-Fluorobiphenyl	13.490	172	650117	82.234	ng		0.00
79) Terphenyl-d14	20.194	244	943294	80.915	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.122	128	138598	14.458	ng		100
37) 2-Methylnaphthalene	12.714	142	64974	9.052	ng		99
38) 1-Methylnaphthalene	12.926	142	58273	8.363	ng		97
46) 1,1'-Biphenyl	13.702	154	19143	2.218	ng		98
49) Acenaphthylene	14.595	152	35208	3.187	ng	#	93
52) Acenaphthene	14.929	154	84522	11.707	ng		99
55) Dibenzofuran	15.259	168	119356	10.716	ng		99
58) Fluorene	15.911	166	175731	19.754	ng		98
71) Phenanthrene	17.656	178	1178921	88.248	ng		98
72) Anthracene	17.744	178	336375	25.915	ng		99
73) Carbazole	18.008	167	96268	8.250	ng		99
75) Fluoranthene	19.653	202	1289214	79.324	ng		97
78) Pyrene	20.012	202	1195175	75.726	ng		97
81) Benzo(a)anthracene	21.892	228	646584	40.261	ng		97
83) Chrysene	21.957	228	546922	35.773	ng		98
87) Indeno(1,2,3-cd)pyrene	29.254	276	269738	13.113	ng		93
88) Benzo(b)fluoranthene	24.242	252	674673	41.259	ng		98
89) Benzo(k)fluoranthene	24.301	252	243159m	14.918	ng		
90) Benzo(a)pyrene	25.165	252	544167	38.780	ng		98
91) Dibenzo(a,h)anthracene	29.295	278	74609m	4.439	ng		
92) Benzo(g,h,i)perylene	30.488	276	266446	15.727	ng		99

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

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