Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055989.D
Acq On : 15 Dec 2022 23:18
Operator : CG/JU
Sample : N6037-07 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 16 04:08:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 02:24:06 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
RB-21-(6-8)

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.387	152	10549	20.000	ng		0.01
21) Naphthalene-d8	11.219	136	38094	20.000	ng		# 0.01
39) Acenaphthene-d10	14.991	164	29622	20.000	ng		0.01
64) Phenanthrene-d10	17.729	188	68019	20.000	ng		# 0.02
76) Chrysene-d12	22.048	240	68019	20.000	ng		# 0.02
86) Perylene-d12	25.561	264	50444	20.000	ng		# 0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.896	112	10303	22.905	ng		0.01
7) Phenol-d6	7.506	99	12927	22.345	ng		0.01
23) Nitrobenzene-d5	9.550	82	8518	15.626	ng		0.00
42) 2,4,6-Tribromophenol	16.466	330	14193	19.870	ng		0.01
45) 2-Fluorobiphenyl	13.616	172	33318	15.775	ng		0.00
79) Terphenyl-d14	20.303	244	60812	15.801	ng		0.01
Target Compounds							Qvalue
31) Naphthalene	11.266	128	36222	18.021	ng		98
37) 2-Methylnaphthalene	12.847	142	75899	42.740	ng		98
38) 1-Methylnaphthalene	13.058	142	54981	31.781	ng		99
46) 1,1'-Biphenyl	13.828	154	18844	9.385	ng		100
52) Acenaphthene	15.056	154	55126	31.532	ng		88
55) Dibenzofuran	15.379	168	24258	8.251	ng	#	92
58) Fluorene	16.031	166	61432	25.563	ng		95
71) Phenanthrene	17.788	178	1334594	374.407	ng		98
72) Anthracene	17.864	178	169488	48.061	ng		98
73) Carbazole	18.123	167	11320	3.892	ng	#	92
75) Fluoranthene	19.768	202	544027	108.992	ng		99
78) Pyrene	20.132	202	820684	199.395	ng		99
81) Benzo(a)anthracene	22.030	228	334245	69.833	ng		100
83) Chrysene	22.100	228	336019	74.907	ng		98
87) Indeno(1,2,3-cd)pyrene	29.598	276	31744m	7.826	ng		
88) Benzo(b)fluoranthene	24.439	252	142937	43.783	ng	#	98
89) Benzo(k)fluoranthene	24.504	252	90410m	27.757	ng		
90) Benzo(a)pyrene	25.391	252	110474	40.033	ng		97
91) Dibenzo(a,h)anthracene	29.668	278	11005m	3.241	ng		
92) Benzo(g,h,i)perylene	30.855	276	24189m	7.369	ng		

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

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