Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050124\
Data File : BG061074.D
Acq On : 1 May 2024 13:19
Operator : MA/JU
Sample : P2307-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 01 14:06:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
WC-2

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.935	152	30317	20.000	ng		-0.03
21) Naphthalene-d8	10.726	136	115615	20.000	ng		-0.03
39) Acenaphthene-d10	14.557	164	82706	20.000	ng		-0.03
64) Phenanthrene-d10	17.306	188	188519	20.000	ng		-0.03
76) Chrysene-d12	21.578	240	202795	20.000	ng		-0.01
86) Perylene-d12	24.709	264	245230	20.000	ng		#-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.520	112	140367	94.162	ng		-0.03
7) Phenol-d6	7.106	99	193077	87.554	ng		-0.03
23) Nitrobenzene-d5	9.087	82	140113	60.076	ng		-0.03
42) 2,4,6-Tribromophenol	16.049	330	149481	90.422	ng		-0.03
45) 2-Fluorobiphenyl	13.182	172	378574	67.686	ng		-0.03
79) Terphenyl-d14	19.927	244	683776	56.077	ng		-0.03
Target Compounds							Qvalue
31) Naphthalene	10.779	128	12683	2.111	ng		97
49) Acenaphthylene	14.286	152	70221m	10.767	ng		
52) Acenaphthene	14.621	154	27397	6.734	ng		83
55) Dibenzofuran	14.956	168	33359	4.854	ng	#	91
58) Fluorene	15.608	166	72320	12.162	ng		94
71) Phenanthrene	17.359	178	1684335	195.401	ng		99
72) Anthracene	17.441	178	439562	51.105	ng		99
73) Carbazole	17.712	167	96376	12.744	ng		96
75) Fluoranthene	19.386	202	4599329	389.476	ng		82
78) Pyrene	19.745	202	4404774	341.643	ng	#	83
81) Benzo(a)anthracene	21.560	228	2651894	199.835	ng		93
83) Chrysene	21.631	228	2421281m	194.746	ng		
87) Indeno(1,2,3-cd)pyrene	28.282	276	1630800	100.346	ng		93
88) Benzo(b)fluoranthene	23.740	252	3176179	231.778	ng		99
89) Benzo(k)fluoranthene	23.793	252	1085599m	82.346	ng		
90) Benzo(a)pyrene	24.586	252	2419509	202.661	ng		98
91) Dibenzo(a,h)anthracene	28.305	278	348229m	25.874	ng		
92) Benzo(g,h,i)perylene	29.398	276	1619783	121.108	ng		100

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

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