Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
Data File : BG056393.D
Acq On : 23 Jan 2023 21:12
Operator : CG/JU
Sample : 01234-01DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-11923DL

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

Quant Time: Jan 24 01:24:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 00:31:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.299	152	50736	20.000	ng		0.00
21) Naphthalene-d8	11.125	136	198234	20.000	ng		-0.01
39) Acenaphthene-d10	14.909	164	154717	20.000	ng		-0.01
64) Phenanthrene-d10	17.647	188	367928	20.000	ng		-0.01
76) Chrysene-d12	21.936	240	337600	20.000	ng		#-0.02
86) Perylene-d12	25.373	264	368547	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.814	112	23314	8.205	ng		-0.01
7) Phenol-d6	7.436	99	32288	7.399	ng		-0.01
23) Nitrobenzene-d5	9.474	82	17295	4.463	ng		-0.01
42) 2,4,6-Tribromophenol	16.396	330	9667	4.933	ng		0.00
45) 2-Fluorobiphenyl	13.534	172	55254	4.932	ng		-0.01
79) Terphenyl-d14	20.221	244	92511	4.908	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	11.178	128	28190	2.702	ng		97
38) 1-Methylnaphthalene	12.982	142	18705	2.287	ng		100
52) Acenaphthene	14.974	154	30370	3.281	ng		94
55) Dibenzofuran	15.303	168	56377	3.680	ng		96
58) Fluorene	15.949	166	85159	6.912	ng		95
71) Phenanthrene	17.688	178	651221	34.154	ng		99
72) Anthracene	17.782	178	150950	7.674	ng		97
73) Carbazole	18.047	167	63968	3.869	ng		97
75) Fluoranthene	19.680	202	754058	30.318	ng		99
78) Pyrene	20.044	202	634427	26.662	ng		100
81) Benzo(a)anthracene	21.919	228	318671	13.439	ng		99
83) Chrysene	21.989	228	272192	12.255	ng		97
87) Indeno(1,2,3-cd)pyrene	29.304	276	140119	5.228	ng	#	98
88) Benzo(b)fluoranthene	24.275	252	302900m	12.936	ng		
89) Benzo(k)fluoranthene	24.339	252	127447m	5.466	ng		
90) Benzo(a)pyrene	25.203	252	240201	10.517	ng	#	96
92) Benzo(g,h,i)perylene	30.550	276	128205	5.883	ng		99

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

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