Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
Data File : BG055219.D
Acq On : 20 Oct 2022 12:56
Operator : CG/JU
Sample : N5175-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 20 15:15:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 09:21:42 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
CONCRETE-1

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.285	152	57567	20.000	ng		0.00
21) Naphthalene-d8	11.117	136	254545	20.000	ng		0.00
39) Acenaphthene-d10	14.895	164	151783	20.000	ng		0.00
64) Phenanthrene-d10	17.627	188	287403	20.000	ng		0.00
76) Chrysene-d12	21.910	240	236169	20.000	ng		0.00
86) Perylene-d12	25.324	264	248864	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.805	112	271069	84.717	ng		0.00
7) Phenol-d6	7.421	99	478053	98.049	ng		0.00
23) Nitrobenzene-d5	9.454	82	310117	58.818	ng		0.00
42) 2,4,6-Tribromophenol	16.375	330	162730	103.467	ng		0.00
45) 2-Fluorobiphenyl	13.526	172	823065	86.616	ng		0.00
79) Terphenyl-d14	20.206	244	1172658	92.519	ng		0.00
Target Compounds							Qvalue
52) Acenaphthene	14.959	154	29439	3.267	ng		95
58) Fluorene	15.935	166	33399	3.055	ng		95
71) Phenanthrene	17.674	178	476606	31.077	ng		100
72) Anthracene	17.762	178	122053	8.144	ng		98
75) Fluoranthene	19.660	202	596647	35.122	ng		100
78) Pyrene	20.024	202	663464	37.283	ng		99
81) Benzo(a)anthracene	21.892	228	324093	21.156	ng		99
83) Chrysene	21.963	228	296320	20.771	ng		97
87) Indeno(1,2,3-cd)pyrene	29.237	276	154240	8.911	ng	#	88
88) Benzo(b)fluoranthene	24.237	252	320469	21.685	ng	#	93
89) Benzo(k)fluoranthene	24.301	252	97039m	6.484	ng		
90) Benzo(a)pyrene	25.159	252	248072	19.557	ng	#	93
91) Dibenzo(a,h)anthracene	29.301	278	44062	3.107	ng	#	88
92) Benzo(g,h,i)perylene	30.471	276	154627	11.256	ng	#	87

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

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