Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058526.D
Acq On : 28 Jul 2023 20:23
Operator : MA/JU
Sample : 03580-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 28 22:56:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.815	152	55341	20.000	ng		0.00
21) Naphthalene-d8	10.617	136	227169	20.000	ng		0.00
39) Acenaphthene-d10	14.460	164	155573	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	344626	20.000	ng		0.00
76) Chrysene-d12	21.446	240	298818	20.000	ng		0.00
86) Perylene-d12	24.513	264	373258	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.388	112	287136	79.304	ng		0.00
7) Phenol-d6	6.986	99	395230	78.447	ng		0.00
23) Nitrobenzene-d5	8.978	82	233367	50.466	ng		0.00
42) 2,4,6-Tribromophenol	15.952	330	169011	66.280	ng		0.00
45) 2-Fluorobiphenyl	13.079	172	542989	52.305	ng		0.00
79) Terphenyl-d14	19.824	244	852723	53.664	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.245	178	152171	9.311	ng		100
72) Anthracene	17.339	178	36949	2.203	ng		98
75) Fluoranthene	19.260	202	348977	17.776	ng		98
78) Pyrene	19.624	202	331492	16.301	ng		99
81) Benzo(a)anthracene	21.428	228	187314	9.109	ng		98
83) Chrysene	21.487	228	168787	8.561	ng		97
87) Indeno(1,2,3-cd)pyrene	27.997	276	124115	4.998	ng		94
88) Benzo(b)fluoranthene	23.543	252	236649	11.689	ng	#	97
89) Benzo(k)fluoranthene	23.596	252	78169m	3.844	ng		
90) Benzo(a)pyrene	24.366	252	173048	8.704	ng		98
92) Benzo(g,h,i)perylene	29.084	276	128996	6.265	ng		99

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

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