Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020923\
Data File : BG056602.D
Acq On : 9 Feb 2023 18:14
Operator : CG/JU
Sample : 01478-01DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-04-02072023DL

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023

Quant Time: Feb 10 00:16:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 03:02:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.264	152	48342	20.000	ng		0.00
21) Naphthalene-d8	11.096	136	178933	20.000	ng		0.00
39) Acenaphthene-d10	14.886	164	122659	20.000	ng		0.00
64) Phenanthrene-d10	17.630	188	272823	20.000	ng		0.00
76) Chrysene-d12	21.919	240	248179	20.000	ng		0.00
86) Perylene-d12	25.344	264	271934	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	110182	41.928	ng		0.00
7) Phenol-d6	7.424	99	149040	38.278	ng		0.00
23) Nitrobenzene-d5	9.439	82	80363	25.503	ng		0.00
42) 2,4,6-Tribromophenol	16.373	330	55335	33.934	ng		0.00
45) 2-Fluorobiphenyl	13.511	172	253991	28.709	ng		0.00
79) Terphenyl-d14	20.203	244	386201	27.331	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.149	128	40772	4.317	ng		98
52) Acenaphthene	14.951	154	31355	4.673	ng		98
55) Dibenzofuran	15.286	168	40971	3.405	ng		96
58) Fluorene	15.926	166	50177	5.241	ng		98
71) Phenanthrene	17.671	178	514268	36.015	ng		98
72) Anthracene	17.759	178	160036	10.918	ng		100
73) Carbazole	18.029	167	37608	3.012	ng		97
75) Fluoranthene	19.669	202	811510	45.029	ng		100
78) Pyrene	20.027	202	664822	37.665	ng		99
81) Benzo(a)anthracene	21.895	228	359893	20.743	ng		99
83) Chrysene	21.966	228	299298m	18.361	ng		
87) Indeno(1,2,3-cd)pyrene	29.293	276	154349	7.754	ng	#	93
88) Benzo(b)fluoranthene	24.257	252	385376	22.832	ng		99
89) Benzo(k)fluoranthene	24.310	252	162535m	9.538	ng		
90) Benzo(a)pyrene	25.180	252	301634	18.142	ng		99
91) Dibenzo(a,h)anthracene	29.328	278	42151m	2.523	ng		
92) Benzo(g,h,i)perylene	30.538	276	140466	8.712	ng		98

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

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