Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056629.D
Acq On : 13 Feb 2023 21:31
Operator : CG/JU
Sample : 01526-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-021023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

Quant Time: Feb 14 02:09:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 22:46:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.212	152	49330	20.000	ng		0.00
21) Naphthalene-d8	11.044	136	180246	20.000	ng		0.00
39) Acenaphthene-d10	14.845	164	121601	20.000	ng		0.00
64) Phenanthrene-d10	17.589	188	266888	20.000	ng		0.00
76) Chrysene-d12	21.878	240	263247	20.000	ng		0.02
86) Perylene-d12	25.280	264	273613	20.000	ng	#	0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.738	112	117948	43.984	ng		0.01
7) Phenol-d6	7.372	99	157131	39.547	ng		0.00
23) Nitrobenzene-d5	9.393	82	82070	25.855	ng		0.00
42) 2,4,6-Tribromophenol	16.332	330	61110	37.801	ng		0.00
45) 2-Fluorobiphenyl	13.465	172	268600	30.624	ng		0.00
79) Terphenyl-d14	20.163	244	416771	27.807	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.097	128	96581	10.152	ng		99
37) 2-Methylnaphthalene	12.683	142	102154	13.025	ng		98
38) 1-Methylnaphthalene	12.906	142	106792	14.579	ng		95
46) 1,1'-Biphenyl	13.676	154	27449	3.112	ng		100
49) Acenaphthylene	14.575	152	70694	6.303	ng		98
52) Acenaphthene	14.910	154	136549	20.529	ng		96
55) Dibenzofuran	15.239	168	175872	14.744	ng		98
58) Fluorene	15.885	166	359473	37.872	ng		99
71) Phenanthrene	17.642	178	3101519	222.037	ng		94
72) Anthracene	17.724	178	826322	57.628	ng		98
73) Carbazole	17.989	167	219285	17.956	ng		99
75) Fluoranthene	19.640	202	4011332	227.531	ng		91
78) Pyrene	20.004	202	3855086	205.905	ng	#	88
81) Benzo(a)anthracene	21.861	228	2301055	125.031	ng		94
83) Chrysene	21.931	228	2078925m	120.237	ng		
87) Indeno(1,2,3-cd)pyrene	29.199	276	667320	33.318	ng	#	94
88) Benzo(b)fluoranthene	24.217	252	2317127	136.439	ng		98
89) Benzo(k)fluoranthene	24.270	252	1047019m	61.063	ng		
90) Benzo(a)pyrene	25.139	252	2007438	119.996	ng		99
91) Dibenzo(a,h)anthracene	29.223	278	182732	10.869	ng	#	84
92) Benzo(g,h,i)perylene	30.427	276	583096	35.945	ng		96

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

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