Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055315.D
Acq On : 27 Oct 2022 2:12
Operator : CG/JU
Sample : N5269-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 27 10:46:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SU-03-102422

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.276	152	51716	20.000	ng		0.00
21) Naphthalene-d8	11.102	136	214833	20.000	ng		0.00
39) Acenaphthene-d10	14.886	164	122978	20.000	ng		0.00
64) Phenanthrene-d10	17.630	188	236043	20.000	ng		0.01
76) Chrysene-d12	21.937	240	189536	20.000	ng		0.04
86) Perylene-d12	25.368	264	167861	20.000	ng	#	0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	278499	94.293	ng		0.00
7) Phenol-d6	7.419	99	375563	87.768	ng		0.00
23) Nitrobenzene-d5	9.446	82	238748	56.748	ng		0.00
42) 2,4,6-Tribromophenol	16.367	330	118836	88.891	ng		0.00
45) 2-Fluorobiphenyl	13.511	172	480562	63.960	ng		0.00
79) Terphenyl-d14	20.204	244	598544	65.612	ng		0.01
Target Compounds							Qvalue
31) Naphthalene	11.155	128	306237	26.721	ng		99
37) 2-Methylnaphthalene	12.736	142	153411	18.566	ng		97
38) 1-Methylnaphthalene	12.953	142	119104	14.611	ng		99
46) 1,1'-Biphenyl	13.723	154	48769	5.782	ng		98
49) Acenaphthylene	14.616	152	121600	10.591	ng	#	94
52) Acenaphthene	14.951	154	366945	50.138	ng		99
55) Dibenzofuran	15.280	168	517927	47.170	ng		98
58) Fluorene	15.932	166	687712	75.274	ng		99
71) Phenanthrene	17.689	178	4093561m	325.187	ng		
72) Anthracene	17.771	178	1818195	147.744	ng		93
73) Carbazole	18.024	167	445201	37.612	ng		99
75) Fluoranthene	19.698	202	6075739	414.206	ng		82
78) Pyrene	20.057	202	5700734	438.805	ng	#	76
81) Benzo(a)anthracene	21.919	228	4487781	352.599	ng	#	85
83) Chrysene	21.996	228	3950237	326.739	ng	#	83
87) Indeno(1,2,3-cd)pyrene	29.316	276	1439546	116.112	ng		95
88) Benzo(b)fluoranthene	24.299	252	4934455	488.696	ng	#	92
89) Benzo(k)fluoranthene	24.358	252	2334686m	228.987	ng		
90) Benzo(a)pyrene	25.245	252	4048317	467.537	ng		94
91) Dibenzo(a,h)anthracene	29.346	278	370778	36.443	ng	#	91
92) Benzo(g,h,i)perylene	30.550	276	1189743	117.896	ng		96

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

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