Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043266.D
Acq On : 17 Oct 2019 17:43
Operator : JU
Sample : K5350-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-209

Manual Integrations APPROVED
mohammad
10/20/2019 8:12:10 PM

Quant Time: Oct 18 12:11:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	53904	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	214539	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	156338	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	332838	20.00	ng	0.00
76) Chrysene-d12	21.69	240	368360	20.00	ng	0.00
87) Perylene-d12	24.91	264	436826	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	342700	113.46	ng	-0.02
7) Phenol-d6	7.22	99	507515	116.68	ng	-0.02
23) Nitrobenzene-d5	9.20	82	323001	73.18	ng	-0.02
42) 2,4,6-Tribromophenol	16.16	330	298281	110.95	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	796581	73.87	ng	-0.02
79) Terphenyl-d14	20.02	244	1329611	76.92	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.90	128	3155333	298.773	ng	# 91
37) 2-Methylnaphthalene	12.50	142	975371	121.064	ng	97
38) 1-Methylnaphthalene	12.72	142	750127	98.397	ng	99
46) 1,1'-Biphenyl	13.50	154	544254	45.906	ng	99
49) Acenaphthylene	14.39	152	92158	6.776	ng	# 83
50) Dimethylphthalate	14.11	163	102261	8.730	ng	# 97
52) Acenaphthene	14.74	154	1201414	131.965	ng	97
55) Dibenzofuran	15.07	168	2245284	166.719	ng	# 91
58) Fluorene	15.73	166	2531775m	220.194	ng	
71) Phenanthrene	17.49	178	6276649	386.273	ng	# 42
72) Anthracene	17.59	178	7667082	472.639	ng	# 19
73) Carbazole	17.84	167	3812768	253.459	ng	# 81
75) Fluoranthene	19.48	202	3935105	183.091	ng	79
78) Pyrene	19.84	202	3242292m	147.471	ng	
81) Benzo(a)anthracene	21.67	228	1599895	69.706	ng	96
83) Chrysene	21.74	228	1703104	76.463	ng	95
86) Indeno(1,2,3-cd)pyrene	28.58	276	407892	14.710	ng	# 98
88) Benzo(b)fluoranthene	23.90	252	1157410	46.827	ng	98
89) Benzo(k)fluoranthene	23.95	252	398056m	16.279	ng	
90) Benzo(a)pyrene	24.76	252	836311	35.863	ng	100
91) Dibenzo(a,h)anthracene	28.61	278	120462	5.038	ng	96
92) Benzo(g,h,i)perylene	29.72	276	338343	14.603	ng	98

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

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