Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042564.D
Acq On : 29 Aug 2019 14:20
Operator : HP/JU
Sample : K4409-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S301-J-3.0-3.5-081919

Manual Integrations APPROVED
Jagrut
8/30/2019 7:57:39 PM

Quant Time: Aug 29 17:25:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	40639	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	157116	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	116449	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	224642	20.00	ng		0.05
76) Chrysene-d12	21.78	240	242654	20.00	ng		0.09
87) Perylene-d12	25.11	264	425695	20.00	ng		0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	197788	98.57	ng		0.00
7) Phenol-d6	7.17	99	262588	96.88	ng		0.00
23) Nitrobenzene-d5	9.16	82	151401	66.59	ng		-0.01
42) 2,4,6-Tribromophenol	16.16	330	143523	86.71	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	410782	59.66	ng		0.00
79) Terphenyl-d14	20.05	244	671491	59.83	ng		0.02
Target Compounds							Qvalue
10) Phenol	7.19	94	49194	17.851	ng		90
17) 2-Methylphenol	8.45	107	9978	4.916	ng		89
20) 3+4-Methylphenols	8.79	107	46683	16.621	ng		97
27) 2,4-Dimethylphenol	9.99	122	12832m	6.456	ng		
31) Naphthalene	10.91	128	5731256	785.696	ng	#	68
37) 2-Methylnaphthalene	12.49	142	1316255	224.726	ng		96
38) 1-Methylnaphthalene	12.71	142	663325	119.227	ng		99
46) 1,1'-Biphenyl	13.49	154	618615	82.182	ng		100
50) Dimethylphthalate	14.11	163	80238	9.550	ng		99
52) Acenaphthene	14.75	154	2954391	498.263	ng	#	92
55) Dibenzofuran	15.08	168	3704235	377.413	ng	#	68
58) Fluorene	15.74	166	4440934	553.521	ng	#	94
71) Phenanthrene	17.57	178	14641005	1312.110	ng	#	11
72) Anthracene	17.64	178	6944013	623.376	ng	#	20
73) Carbazole	17.87	167	5406005	544.528	ng	#	63
75) Fluoranthene	19.56	202	14420260	1058.916	ng	#	12
78) Pyrene	19.94	202	13075795	878.927	ng	#	8
81) Benzo(a)anthracene	21.77	228	11942945	809.082	ng	#	30
83) Chrysene	21.85	228	8142361m	571.964	ng		
86) Indeno(1,2,3-cd)pyrene	29.04	276	11469881	592.880	ng	#	94
88) Benzo(b)fluoranthene	24.12	252	19166667	818.979	ng	#	49
89) Benzo(k)fluoranthene	24.16	252	2979138m	132.433	ng		
90) Benzo(a)pyrene	25.04	252	14869936	669.588	ng	#	57
91) Dibenzo(a,h)anthracene	29.01	278	3849050m	171.180	ng		
92) Benzo(g,h,i)perylene	30.23	276	11293215	502.172	ng	#	88

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

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