Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042563.D
Acq On : 29 Aug 2019 13:42
Operator : HP/JU
Sample : K4470-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S702-N-1.0-1.5-082119RE

Manual Integrations APPROVED
Jagrut
8/30/2019 7:57:36 PM

Quant Time: Aug 29 14:24:32 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	23118	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	89288	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	74105	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	199209	20.00	ng	0.00
76) Chrysene-d12	21.69	240	246253	20.00	ng	0.00
87) Perylene-d12	24.93	264	302188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	126115	110.49	ng	0.00
7) Phenol-d6	7.16	99	173062	112.24	ng	-0.01
23) Nitrobenzene-d5	9.16	82	94055	72.79	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	144789	137.46	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	316007	72.12	ng	0.00
79) Terphenyl-d14	20.02	244	783688	68.80	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.18	94	3909	2.493	ng	# 58
31) Naphthalene	10.87	128	10221	2.466	ng	# 94
37) 2-Methylnaphthalene	12.49	142	10274	3.087	ng	95
38) 1-Methylnaphthalene	12.70	142	6905m	2.184	ng	
50) Dimethylphthalate	14.10	163	41380	7.739	ng	97
52) Acenaphthene	14.72	154	51884	13.750	ng	99
55) Dibenzofuran	15.06	168	42582	6.818	ng	98
58) Fluorene	15.71	166	59268	11.608	ng	99
71) Phenanthrene	17.45	178	713915	72.149	ng	98
72) Anthracene	17.54	178	247671	25.072	ng	99
73) Carbazole	17.81	167	67740	7.694	ng	97
75) Fluoranthene	19.47	202	1281150	106.089	ng	97
78) Pyrene	19.83	202	1164337	77.120	ng	98
81) Benzo(a)anthracene	21.67	228	823610	54.981	ng	99
83) Chrysene	21.74	228	680619	47.112	ng	96
86) Indeno(1,2,3-cd)pyrene	28.65	276	470756	23.978	ng	98
88) Benzo(b)fluoranthene	23.91	252	935902	56.335	ng	99
89) Benzo(k)fluoranthene	23.97	252	360695m	22.587	ng	
90) Benzo(a)pyrene	24.79	252	749879	47.568	ng	96
91) Dibenzo(a,h)anthracene	28.68	278	119558m	7.490	ng	
92) Benzo(g,h,i)perylene	29.81	276	451200	28.263	ng	98

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

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