Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040841.D
Acq On : 10 May 2019 8:24
Operator : HP/JU
Sample : K2645-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-050719-C

Manual Integrations APPROVED
Sohil
5/13/2019 8:39:07 PM

Quant Time: May 10 15:12:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	58791	20.00	ng		-0.02
21) Naphthalene-d8	10.96	136	254567	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	178397	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	411847	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	407113	20.00	ng		-0.03
87) Perylene-d12	25.15	264	445871	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	66446	19.92	ng		-0.01
7) Phenol-d6	7.27	99	106126	20.67	ng		-0.02
23) Nitrobenzene-d5	9.32	82	71939	13.06	ng		-0.02
42) 2,4,6-Tribromophenol	16.25	330	44490	18.14	ng		-0.02
45) 2-Fluorobiphenyl	13.40	172	159520	12.91	ng		-0.02
79) Terphenyl-d14	20.11	244	251076	13.66	ng		-0.03
Target Compounds							Qvalue
52) Acenaphthene	14.83	154	22522	2.103	ng		92
55) Dibenzofuran	15.16	168	35167	2.005	ng		93
58) Fluorene	15.81	166	60543	4.270	ng		100
71) Phenanthrene	17.56	178	591938	26.684	ng		99
72) Anthracene	17.65	178	157015	7.042	ng		98
75) Fluoranthene	19.56	202	1053754	38.119	ng		99
78) Pyrene	19.92	202	923023	36.174	ng		100
81) Benzo(a)anthracene	21.78	228	525388	20.419	ng		99
83) Chrysene	21.84	228	492886m	20.143	ng		
86) Indeno(1,2,3-cd)pyrene	29.00	276	260428	8.803	ng	#	97
88) Benzo(b)fluoranthene	24.08	252	587650	21.568	ng		98
89) Benzo(k)fluoranthene	24.15	252	201882m	7.934	ng		
90) Benzo(a)pyrene	24.99	252	436472m	16.923	ng		
91) Dibenzo(a,h)anthracene	29.05	278	64857	2.485	ng	#	90
92) Benzo(g,h,i)perylene	30.22	276	242969	9.354	ng		99

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

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