Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117599.D
Acq On : 29 Oct 2019 18:58
Operator : JU
Sample : K5503-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
175-70-(0-2.5)

Manual Integrations APPROVED
mohammad
10/30/2019 4:53:17 PM

Quant Time: Oct 30 13:17:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	41878	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	156762	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	67640	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	98241	20.00	ng		0.00
76) Chrysene-d12	13.90	240	75064	20.00	ng		0.00
87) Perylene-d12	15.33	264	58394	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	140081	49.76	ng		0.00
7) Phenol-d6	6.39	99	192121	50.82	ng		0.00
23) Nitrobenzene-d5	7.29	82	114217	35.97	ng		-0.01
42) 2,4,6-Tribromophenol	10.56	330	26932	46.02	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	166544	34.69	ng		-0.01
79) Terphenyl-d14	12.83	244	168990	36.72	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.03	128	135912	17.491	ng		99
37) 2-Methylnaphthalene	8.72	142	50628	9.670	ng		100
38) 1-Methylnaphthalene	8.82	142	41983	8.533	ng		97
46) 1,1'-Biphenyl	9.19	154	16779	2.996	ng		98
49) Acenaphthylene	9.62	152	18260	2.944	ng	#	93
50) Dimethylphthalate	9.48	163	17332	3.594	ng		97
52) Acenaphthene	9.79	154	84705	22.263	ng		100
55) Dibenzofuran	9.97	168	119351	21.651	ng		98
58) Fluorene	10.31	166	123828	27.164	ng		100
71) Phenanthrene	11.29	178	1196352	209.721	ng		98
72) Anthracene	11.33	178	297913	50.898	ng		99
73) Carbazole	11.49	167	118031	22.066	ng		99
75) Fluoranthene	12.48	202	1111561	194.647	ng		99
78) Pyrene	12.71	202	932287	144.595	ng		99
81) Benzo(a)anthracene	13.89	228	445083	87.903	ng		99
83) Chrysene	13.93	228	353141	71.163	ng		97
86) Indeno(1,2,3-cd)pyrene	16.75	276	99710	26.912	ng		94
88) Benzo(b)fluoranthene	14.93	252	313120m	90.806	ng		
89) Benzo(k)fluoranthene	14.95	252	90269m	25.541	ng		
90) Benzo(a)pyrene	15.28	252	194626	62.079	ng		97
91) Dibenzo(a,h)anthracene	16.74	278	24700	9.111	ng	#	82
92) Benzo(g,h,i)perylene	17.18	276	88336	34.439	ng		97

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

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