Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085660.D
Acq On : 22 Mar 2016 11:16
Operator : UM/SJ
Sample : H1799-18DL 500X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB45(6.5-8)DL

Manual Integrations APPROVED
Sohil
3/22/2016 5:34:52 PM

Quant Time: Mar 22 13:09:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	120416	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	491644	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	201706	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	337661	20.00	ng		-0.02
75) Chrysene-d12	13.99	240	233114	20.00	ng		-0.02
86) Perylene-d12	15.42	264	231795	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	495	0.07	ng		0.01
7) Phenol-d6	6.47	99	2565	0.28	ng		-0.02
23) Nitrobenzene-d5	7.41	82	1357	0.16	ng		-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.20	172	3850	-1.00	ng		-0.02
78) Terphenyl-d14	12.94	244	2516	0.26	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.48	94	51170	4.89	ng		91
20) 3+4-Methylphenols	7.26	107	33342	4.19	ng	#	53
31) Naphthalene	8.15	128	1294844	52.18	ng		100
37) 2-Methylnaphthalene	8.84	142	181079	11.97	ng		98
45) 1,1'-Biphenyl	9.30	154	43607	2.51	ng		93
48) Acenaphthylene	9.74	152	274704	13.35	ng		99
54) Dibenzofuran	10.08	168	166756	10.61	ng		98
57) Fluorene	10.42	166	195504	14.92	ng		99
70) Phenanthrene	11.38	178	547623	30.76	ng		99
71) Anthracene	11.44	178	216999	11.62	ng		96
72) Carbazole	11.59	167	73920	4.59	ng		98
74) Fluoranthene	12.57	202	329558	17.68	ng		91
77) Pyrene	12.80	202	239053	14.28	ng		98
80) Benzo(a)anthracene	13.98	228	112518	8.31	ng	#	91
82) Chrysene	14.03	228	81507m	6.26	ng		
85) Indeno(1,2,3-cd)pyrene	16.80	276	32522	2.99	ng		95
87) Benzo(b)fluoranthene	15.01	252	105145m	6.95	ng		
88) Benzo(k)fluoranthene	15.01	252	124703	10.01	ng	#	96
89) Benzo(a)pyrene	15.36	252	72675	5.67	ng	#	95
91) Benzo(g,h,i)perylene	17.23	276	25954	2.51	ng		98

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

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