Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093182.D
Acq On : 25 Feb 2017 10:16
Operator : SJ/MA
Sample : I1972-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2B21-BASE-3

Manual Integrations APPROVED
mohammad
2/27/2017 1:08:31 PM

Quant Time: Feb 27 10:20:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	154570	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	591023	20.00	ng		-0.02
38) Acenaphthene-d10	9.87	164	231015	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	351135	20.00	ng		-0.01
75) Chrysene-d12	14.02	240	265666	20.00	ng		0.00
86) Perylene-d12	15.45	264	280662	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1338492	148.56	ng		-0.01
7) Phenol-d6	6.48	99	1628122	140.45	ng		-0.01
23) Nitrobenzene-d5	7.40	82	954289	89.91	ng		-0.02
41) 2,4,6-Tribromophenol	10.67	330	213247	127.63	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1348820	105.78	ng		-0.02
78) Terphenyl-d14	12.96	244	873289	77.24	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.49	94	70571	5.20	ng		87
31) Naphthalene	8.14	128	213050	7.11	ng		97
37) 2-Methylnaphthalene	8.83	142	82360	4.28	ng		97
45) 1,1'-Biphenyl	9.30	154	35592	2.13	ng		97
48) Acenaphthylene	9.73	152	111088	4.91	ng		96
49) Dimethylphthalate	9.60	163	177937	11.44	ng		100
51) Acenaphthene	9.90	154	264919	19.60	ng		96
54) Dibenzofuran	10.08	168	200568	11.09	ng	#	96
57) Fluorene	10.42	166	290224m	20.87	ng		
70) Phenanthrene	11.40	178	2913666	144.83	ng		99
71) Anthracene	11.45	178	803980	39.80	ng		97
72) Carbazole	11.60	167	285610	14.79	ng		99
74) Fluoranthene	12.59	202	2486748	119.84	ng		98
77) Pyrene	12.82	202	2478775	124.68	ng		99
80) Benzo(a)anthracene	14.01	228	1545690	95.13	ng		98
82) Chrysene	14.04	228	1311808m	86.23	ng		
85) Indeno(1,2,3-cd)pyrene	16.87	276	587605	49.87	ng		98
87) Benzo(b)fluoranthene	15.05	252	1691325m	91.56	ng		
88) Benzo(k)fluoranthene	15.06	252	359076m	22.51	ng		
89) Benzo(a)pyrene	15.39	252	1164348	72.87	ng	#	96
90) Dibenzo(a,h)anthracene	16.87	278	152290m	11.79	ng		
91) Benzo(g,h,i)perylene	17.29	276	558705	42.82	ng	#	91

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

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