

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096633.D
 Acq On : 11 Jul 2017 8:39
 Operator : SJ/JU
 Sample : I4108-07DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-070617-CDL

Manual Integrations
 APPROVED

mohammad
 7/11/2017 1:35:54 PM

Quant Time: Jul 11 11:34:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	94930	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	385159	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	156034	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	237954	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	183710	20.00	ng	-0.02
86) Perylene-d12	15.23	264	144733	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	162056	25.20	ng	-0.02
7) Phenol-d6	6.32	99	196308	24.83	ng	-0.03
23) Nitrobenzene-d5	7.24	82	106289	16.58	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	33685	27.64	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	212926	23.33	ng	-0.02
78) Terphenyl-d14	12.78	244	135756	15.79	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	7.99	128	64965	3.57	ng	99
49) Dimethylphthalate	9.43	163	39196	3.37	ng	99
51) Acenaphthene	9.75	154	62925	6.47	ng	98
54) Dibenzofuran	9.92	168	49663	3.87	ng	98
57) Fluorene	10.26	166	63926	7.04	ng	95
70) Phenanthrene	11.22	178	513456	39.92	ng	99
71) Anthracene	11.27	178	133623	10.19	ng	98
72) Carbazole	11.42	167	76490	5.80	ng	96
74) Fluoranthene	12.41	202	593790	47.08	ng	97
77) Pyrene	12.63	202	492180	33.38	ng	99
80) Benzo(a)anthracene	13.82	228	261135	24.55	ng	99
82) Chrysene	13.85	228	234098	21.01	ng	97
85) Indeno(1,2,3-cd)pyrene	16.56	276	89137	10.14	ng	94
87) Benzo(b)fluoranthene	14.83	252	260533m	28.73	ng	
88) Benzo(k)fluoranthene	14.86	252	71321m	8.79	ng	
89) Benzo(a)pyrene	15.17	252	160805	19.86	ng	96
90) Dibenzo(a,h)anthracene	16.57	278	24143m	3.79	ng	
91) Benzo(g,h,i)perylene	16.96	276	74616	11.30	ng	96

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

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