

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079613.D
 Acq On : 30 May 2015 20:10
 Operator : TP/IZ
 Sample : G2420-34
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.19(5)

Manual Integrations
 APPROVED

apatel
 6/1/2015 8:46:54 PM

Quant Time: May 31 07:29:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	67576	20.00	ng	-0.02
21) Naphthalene-d8	8.51	136	282815	20.00	ng	-0.02
38) Acenaphthene-d10	10.67	164	131161	20.00	ng	-0.03
63) Phenanthrene-d10	12.51	188	250201	20.00	ng	-0.02
75) Chrysene-d12	15.79	240	252315	20.00	ng	-0.05
86) Perylene-d12	17.51	264	274502	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	454158	116.57	ng	-0.02
7) Phenol-d6	6.54	99	600395	120.90	ng	-0.02
23) Nitrobenzene-d5	7.63	82	327027	66.84	ng	-0.03
41) 2,4,6-Tribromophenol	11.66	330	166806	115.79	ng	-0.03
44) 2-Fluorobiphenyl	9.86	172	663240	72.14	ng	-0.02
78) Terphenyl-d14	14.50	244	712275	66.25	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	8.54	128	369770	27.24	ng	99
37) 2-Methylnaphthalene	9.39	142	119560	12.69	ng	97
45) 1,1'-Biphenyl	9.98	154	28806	2.81	ng	97
48) Acenaphthylene	10.50	152	73144	5.45	ng	98
49) Dimethylphthalate	10.38	163	53981	5.59	ng	# 98
51) Acenaphthene	10.71	154	111622	14.53	ng	99
54) Dibenzofuran	10.94	168	181137	15.99	ng	92
57) Fluorene	11.36	166	169206	18.12	ng	99
70) Phenanthrene	12.55	178	1782862	129.89	ng	98
71) Anthracene	12.61	178	341939	24.54	ng	100
72) Carbazole	12.82	167	225592	16.81	ng	98
74) Fluoranthene	14.01	202	1711865	116.30	ng	92
77) Pyrene	14.30	202	1467053	93.85	ng	99
80) Benzo(a)anthracene	15.77	228	767966	52.91	ng	93
82) Chrysene	15.82	228	697838	50.58	ng	98
85) Indeno(1,2,3-cd)pyrene	18.80	276	401517m	22.63	ng	
87) Benzo(b)fluoranthene	17.07	252	926263m	59.16	ng	
88) Benzo(k)fluoranthene	17.11	252	242994m	17.36	ng	
89) Benzo(a)pyrene	17.45	252	604217	43.97	ng	97
90) Dibenzo(a,h)anthracene	18.81	278	104400m	5.95	ng	
91) Benzo(g,h,i)perylene	19.18	276	362863	24.98	ng	95

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

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