

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
 Data File : BF082339.D
 Acq On : 16 Oct 2015 21:39
 Operator : UM/IZ
 Sample : G4046-04 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANAHAWKEN112

Manual Integrations
 APPROVED

MMdadoda
 10/19/2015 5:32:30 PM

Quant Time: Oct 19 02:55:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 17 01:08:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	51432m	20.00	ng	0.09
21) Naphthalene-d8	8.21	136	234368m	20.00	ng	0.08
38) Acenaphthene-d10	9.95	164	129589m	20.00	ng	0.07
63) Phenanthrene-d10	11.45	188	198676m	20.00	ng	0.08
75) Chrysene-d12	14.15	240	187743m	20.00	ng	0.08
86) Perylene-d12	15.69	264	200069m	20.00	ng	0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	18788	7.37	ng	0.10
7) Phenol-d6	6.56	99	28281	8.53	ng	0.08
23) Nitrobenzene-d5	7.49	82	14617m	4.19	ng	0.07
41) 2,4,6-Tribromophenol	10.75	330	9341m	7.69	ng	0.07
44) 2-Fluorobiphenyl	9.27	172	46355m	5.93	ng	0.06
78) Terphenyl-d14	13.04	244	55112m	7.78	ng	0.08

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.23	128	159647m	15.71	ng	
37) 2-Methylnaphthalene	8.91	142	187813m	26.67	ng	
45) 1,1'-Biphenyl	9.37	154	111118m	11.24	ng	
48) Acenaphthylene	9.82	152	132326m	10.92	ng	
51) Acenaphthene	10.00	154	936425m	128.72	ng	
54) Dibenzofuran	10.17	168	1536360m	153.82	ng	
57) Fluorene	10.51	166	1469872m	179.18	ng	
70) Phenanthrene	11.52	178	9484043m	973.88	ng	
71) Anthracene	11.55	178	1414965m	141.00	ng	
72) Carbazole	11.69	167	1648779m	180.11	ng	
74) Fluoranthene	12.71	202	7362201m	703.89	ng	
77) Pyrene	12.94	202	5114144m	459.01	ng	
80) Benzo(a)anthracene	14.14	228	1517297m	155.33	ng	
82) Chrysene	14.18	228	1596645m	155.12	ng	
85) Indeno(1,2,3-cd)pyrene	17.17	276	134276m	16.41	ng	
87) Benzo(b)fluoranthene	15.26	252	843423m	69.29	ng	
88) Benzo(k)fluoranthene	15.27	252	400215m	39.12	ng	
89) Benzo(a)pyrene	15.62	252	331717m	31.71	ng	
90) Dibenzo(a,h)anthracene	17.18	278	35362m	4.13	ng	
91) Benzo(a,h,i)perylene	17.61	276	94126m	11.30	ng	

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

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