

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
 Data File : BF083909.D
 Acq On : 18 Dec 2015 10:51
 Operator : UM/SJ
 Sample : G4680-02DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 K212-(8-10)DL

Manual Integrations
 APPROVED

MMdadoda
 12/18/2015 6:22:11 PM

Quant Time: Dec 18 13:45:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 01:01:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	46155	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	188271	20.00	ng	0.01
38) Acenaphthene-d10	9.92	164	82183	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	111093	20.00	ng	0.01
75) Chrysene-d12	14.05	240	94512	20.00	ng	0.02
86) Perylene-d12	15.49	264	71686	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	71450	24.23	ng	0.01
7) Phenol-d6	6.52	99	87928	24.36	ng	0.01
23) Nitrobenzene-d5	7.44	82	53567	16.24	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	13852	15.30	ng	0.01
44) 2-Fluorobiphenyl	9.24	172	112667	16.56	ng	0.00
78) Terphenyl-d14	12.99	244	74011	13.00	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.19	128	71593	5.62	ng	# 84
37) 2-Methylnaphthalene	8.89	142	105180	16.07	ng	# 95
48) Acenaphthylene	9.78	152	86693	9.05	ng	# 93
49) Dimethylphthalate	9.63	163	19781	2.87	ng	# 11
51) Acenaphthene	9.95	154	14936	2.54	ng	# 91
70) Phenanthrene	11.44	178	209957	31.28	ng	99
71) Anthracene	11.48	178	63910	9.85	ng	98
74) Fluoranthene	12.62	202	156305	23.34	ng	97
77) Pyrene	12.85	202	260286	43.41	ng	99
80) Benzo(a)anthracene	14.04	228	149539	25.73	ng	93
82) Chrysene	14.08	228	154575	27.54	ng	97
85) Indeno(1,2,3-cd)pyrene	16.93	276	12322	2.94	ng	95
87) Benzo(b)fluoranthene	15.08	252	52934m	10.13	ng	
88) Benzo(k)fluoranthene	15.09	252	15573m	3.61	ng	
89) Benzo(a)pyrene	15.44	252	36466	8.45	ng	# 87
91) Benzo(g,h,i)perylene	17.37	276	14932	4.54	ng	# 83

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

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