

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
 Data File : BF082349.D
 Acq On : 17 Oct 2015 3:28
 Operator : UM/IZ
 Sample : G4016-12DL 20X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-13DL

Manual Integrations
 APPROVED

MMdadoda
 10/19/2015 5:32:42 PM

Quant Time: Oct 17 04:45:48 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 04:30:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	52357	20.00	ng	0.01
21) Naphthalene-d8	8.24	136	232123	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	128566	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	246802	20.00	ng	0.00
75) Chrysene-d12	14.14	240	219493	20.00	ng	0.00
86) Perylene-d12	15.66	264	208096	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	4078	1.57	ng	0.01
7) Phenol-d6	6.61	99	6060	1.80	ng	0.01
23) Nitrobenzene-d5	7.52	82	3401	0.98	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	2839	2.35	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	14632	1.89	ng	0.00
78) Terphenyl-d14	13.05	244	19212	2.32	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
48) Acenaphthylene	9.85	152	93231	7.75	ng	98
54) Dibenzofuran	10.19	168	45656	4.61	ng	93
57) Fluorene	10.54	166	46654	5.73	ng	99
70) Phenanthrene	11.50	178	808504	66.83	ng	99
71) Anthracene	11.56	178	191384	15.35	ng	98
72) Carbazole	11.70	167	119415	10.50	ng	99
74) Fluoranthene	12.69	202	831124	63.97	ng	96
77) Pyrene	12.92	202	645282	49.54	ng	99
80) Benzo(a)anthracene	14.13	228	361493m	31.65	ng	
82) Chrysene	14.16	228	333240m	27.69	ng	
85) Indeno(1,2,3-cd)pyrene	17.16	276	128828	13.47	ng	97
87) Benzo(b)fluoranthene	15.22	252	341337m	26.96	ng	
88) Benzo(k)fluoranthene	15.24	252	149365m	14.04	ng	
89) Benzo(a)pyrene	15.60	252	226557m	20.82	ng	
90) Dibenzo(a,h)anthracene	17.17	278	45009	5.05	ng	92
91) Benzo(g,h,i)perylene	17.61	276	104797	12.10	ng	99

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

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