

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
 Data File : BF083538.D
 Acq On : 7 Dec 2015 2:17
 Operator : UM/IZ
 Sample : G4614-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S35-15.5

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:33:27 PM

Quant Time: Dec 07 06:35:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	189538	20.00	ng	-0.03
21) Naphthalene-d8	7.63	136	718386	20.00	ng	-0.05
38) Acenaphthene-d10	10.42	164	337953	20.00	ng	-0.05
63) Phenanthrene-d10	12.82	188	565760	20.00	ng	-0.03
75) Chrysene-d12	17.03	240	369176	20.00	ng	-0.02
86) Perylene-d12	18.65	264	358698	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.02	112	1677582	134.28	ng	-0.01
7) Phenol-d6	5.30	99	2231972	129.67	ng	-0.02
23) Nitrobenzene-d5	6.57	82	1505344	97.95	ng	-0.03
41) 2,4,6-Tribromophenol	11.71	330	396480	127.18	ng	-0.05
44) 2-Fluorobiphenyl	9.38	172	1832091	73.53	ng	-0.05
78) Terphenyl-d14	15.46	244	1228295	74.04	ng	-0.02
Target Compounds						Qvalue
20) 3+4-Methylphenols	6.41	107	92686	6.22	ng	97
31) Naphthalene	7.66	128	136941	3.58	ng	99
49) Dimethylphthalate	10.06	163	674084	25.34	ng	99
51) Acenaphthene	10.48	154	232896	10.92	ng	99
54) Dibenzofuran	10.76	168	117253	3.97	ng	99
57) Fluorene	11.31	166	218606	8.51	ng	98
70) Phenanthrene	12.86	178	1659334	50.39	ng	99
71) Anthracene	12.93	178	456002	13.58	ng	98
72) Carbazole	13.24	167	123267	4.27	ng	96
74) Fluoranthene	14.80	202	2136795	65.47	ng	96
77) Pyrene	15.15	202	1796029	65.03	ng	# 92
80) Benzo(a)anthracene	17.01	228	777475	35.99	ng	99
82) Chrysene	17.06	228	761188	35.37	ng	97
85) Indeno(1,2,3-cd)pyrene	19.89	276	344224	18.66	ng	# 100
87) Benzo(b)fluoranthene	18.27	252	825638m	40.99	ng	
88) Benzo(k)fluoranthene	18.29	252	192461m	9.33	ng	
89) Benzo(a)pyrene	18.60	252	605567m	30.90	ng	
90) Dibenzo(a,h)anthracene	19.89	278	91235	4.84	ng	# 93
91) Benzo(a,h,i)perylene	20.25	276	311227	16.38	ng	98

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

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