

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
 Data File : BF079009.D
 Acq On : 7 May 2015 21:32
 Operator : TP/IZ
 Sample : G2116-12 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-44S

Manual Integrations
 APPROVED

apatel
 5/8/2015 3:51:05 PM

Quant Time: May 08 02:00:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 00:46:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	54844	20.00	ng	0.01
21) Naphthalene-d8	8.92	136	240130	20.00	ng	0.01
38) Acenaphthene-d10	11.10	164	125855	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	252430	20.00	ng	0.01
75) Chrysene-d12	16.25	240	259986	20.00	ng	-0.02
86) Perylene-d12	17.99	264	288445	20.00	ng	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	85389	26.80	ng	0.01
7) Phenol-d6	6.90	99	116813	27.74	ng	0.01
23) Nitrobenzene-d5	8.03	82	61135	14.63	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	34532	25.36	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	143073	15.84	ng	0.00
78) Terphenyl-d14	14.94	244	168345	15.50	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.95	128	55758	4.87	ng	99
37) 2-Methylnaphthalene	9.80	142	19377	2.44	ng	98
48) Acenaphthylene	10.92	152	52595	4.10	ng	99
51) Acenaphthene	11.13	154	65211	8.53	ng	98
54) Dibenzofuran	11.35	168	80118	7.26	ng	96
57) Fluorene	11.78	166	81833	9.03	ng	99
70) Phenanthrene	12.98	178	1290273	91.37	ng	99
71) Anthracene	13.04	178	352725	25.46	ng	99
72) Carbazole	13.25	167	108011	8.18	ng	99
74) Fluoranthene	14.46	202	1682202	114.32	ng	97
77) Pyrene	14.74	202	1490662	99.50	ng	97
80) Benzo(a)anthracene	16.23	228	839049	58.93	ng	95
82) Chrysene	16.27	228	724266	52.89	ng	97
83) Bis(2-ethylhexyl)phthalate	16.27	149	23579	2.38	ng	# 95
85) Indeno(1,2,3-cd)pyrene	19.49	276	388035m	22.24	ng	
87) Benzo(b)fluoranthene	17.53	252	927397	58.74	ng	97
88) Benzo(k)fluoranthene	17.57	252	272039m	17.80	ng	
89) Benzo(a)pyrene	17.92	252	672237	46.24	ng	# 94
90) Dibenzo(a,h)anthracene	19.51	278	94082	6.09	ng	# 89
91) Benzo(a,h,i)perylene	19.94	276	384569	24.83	ng	100

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

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