

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083774.D
 Acq On : 14 Dec 2015 12:33
 Operator : UM/IZ
 Sample : G4761-07 5X
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIPE-SEDIMENT

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:24:03 PM

Quant Time: Dec 14 16:06:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	99141	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	328981	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	137769	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	244088	20.00	ng	0.00
75) Chrysene-d12	14.11	240	162315	20.00	ng	0.03
86) Perylene-d12	15.55	264	161367	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	194664	31.68	ng	-0.01
7) Phenol-d6	6.54	99	242204	31.12	ng	0.00
23) Nitrobenzene-d5	7.47	82	118318	20.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	39695	28.28	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	220318	19.54	ng	-0.01
78) Terphenyl-d14	13.03	244	171142	22.68	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.22	128	133857	7.81	ng	100
37) 2-Methylnaphthalene	8.92	142	36797	3.42	ng	96
49) Dimethylphthalate	9.66	163	43434	4.04	ng	99
51) Acenaphthene	10.00	154	292426	31.90	ng	99
54) Dibenzofuran	10.16	168	91090	7.50	ng	# 90
57) Fluorene	10.50	166	195831	20.47	ng	99
70) Phenanthrene	11.48	178	2655452	204.79	ng	97
71) Anthracene	11.52	178	1036671	76.98	ng	98
72) Carbazole	11.66	167	764493	60.93	ng	# 96
74) Fluoranthene	12.68	202	5232399	390.53	ng	96
77) Pyrene	12.91	202	4570230m	356.24	ng	
80) Benzo(a)anthracene	14.10	228	3223856	349.29	ng	# 93
82) Chrysene	14.13	228	2480087	275.49	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.00	276	930417	105.23	ng	# 100
87) Benzo(b)fluoranthene	15.14	252	1743780m	169.39	ng	
88) Benzo(k)fluoranthene	15.14	252	1800088m	192.97	ng	
89) Benzo(a)pyrene	15.51	252	1800359	195.98	ng	94
90) Dibenzo(a,h)anthracene	17.01	278	377612	41.34	ng	# 85
91) Benzo(a,h,i)perylene	17.45	276	869902	92.64	ng	99

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

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