

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075601.D
 Acq On : 17 Nov 2014 1:22
 Operator : TP / JJ
 Sample : F4755-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-B2-SS1(1-2)

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:40:24 PM

Quant Time: Nov 17 06:45:19 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 05:54:27 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	27177	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	113136	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	59935	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	103786	20.00	ng	0.00
75) Chrysene-d12	16.46	240	104232	20.00	ng	-0.01
86) Perylene-d12	18.20	264	110161	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	175071	113.80	ng	0.00
7) Phenol-d6	7.11	99	226100	122.22	ng	0.00
23) Nitrobenzene-d5	8.24	82	126281	81.83	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	57237	114.02	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	239454	72.19	ng	0.00
78) Terphenyl-d14	15.16	244	233435	60.29	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	9.16	128	16368	3.25	ng	# 94
48) Acenaphthylene	11.14	152	12160	2.33	ng	97
49) Dimethylphthalate	10.98	163	10819	2.64	ng	96
51) Acenaphthene	11.35	154	6361	2.02	ng	86
57) Fluorene	12.00	166	10188	2.80	ng	98
70) Phenanthrene	13.19	178	114913	21.04	ng	99
71) Anthracene	13.26	178	38488	6.82	ng	99
72) Carbazole	13.47	167	11734	2.12	ng	98
74) Fluoranthene	14.68	202	175310	29.97	ng	95
77) Pyrene	14.96	202	169117	27.91	ng	98
80) Benzo(a)anthracene	16.45	228	97022	17.72	ng	95
82) Chrysene	16.49	228	71887	15.18	ng	97
85) Indeno(1,2,3-cd)pyrene	19.75	276	44390	7.73	ng	# 100
87) Benzo(b)fluoranthene	17.74	252	97034m	16.47	ng	
88) Benzo(k)fluoranthene	17.76	252	36766m	6.96	ng	
89) Benzo(a)pyrene	18.13	252	71765	13.62	ng	95
90) Dibenzo(a,h)anthracene	19.77	278	11638	2.11	ng	# 82
91) Benzo(g,h,i)perylene	20.22	276	44702	8.52	ng	97

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

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