

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093185.D
 Acq On : 25 Feb 2017 11:40
 Operator : SJ/MA
 Sample : I1972-09
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-BASE-1

Manual Integrations
 APPROVED

mohammad
 2/27/2017 1:08:45 PM

Quant Time: Feb 27 10:22:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	151391	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	564407	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	211671	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	323386	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	316227	20.00	ng	-0.01
86) Perylene-d12	15.45	264	277090	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	759701	86.09	ng	-0.02
7) Phenol-d6	6.48	99	922888	81.28	ng	-0.01
23) Nitrobenzene-d5	7.40	82	603016	59.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	135299	88.38	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	906589	77.59	ng	-0.02
78) Terphenyl-d14	12.94	244	612613	45.52	ng	-0.02

Target Compounds						Qvalue
10) Phenol	6.49	94	54554	4.11	ng	84
31) Naphthalene	8.14	128	137345	4.80	ng	97
37) 2-Methylnaphthalene	8.83	142	76191	4.15	ng	97
48) Acenaphthylene	9.73	152	243218	11.74	ng	99
49) Dimethylphthalate	9.60	163	116900	8.20	ng	100
51) Acenaphthene	9.90	154	33820	2.73	ng	97
54) Dibenzofuran	10.08	168	56196	3.39	ng	# 94
57) Fluorene	10.42	166	49339m	3.87	ng	
70) Phenanthrene	11.39	178	721016	38.92	ng	98
71) Anthracene	11.44	178	251471	13.52	ng	98
72) Carbazole	11.60	167	90634	5.10	ng	99
74) Fluoranthene	12.58	202	1178905	61.69	ng	98
77) Pyrene	12.81	202	1080069	45.64	ng	99
80) Benzo(a)anthracene	14.00	228	824534m	42.63	ng	
82) Chrysene	14.03	228	576620	31.84	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	49782	3.79	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.85	276	287364	20.49	ng	98
87) Benzo(b)fluoranthene	15.04	252	902459m	49.48	ng	
88) Benzo(k)fluoranthene	15.06	252	324060m	20.58	ng	
89) Benzo(a)pyrene	15.39	252	543202	34.43	ng	98
90) Dibenz(a,h)anthracene	16.85	278	91408m	7.17	ng	
91) Benzo(g,h,i)perylene	17.28	276	262225	20.36	ng	# 90

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

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