

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093187.D
 Acq On : 25 Feb 2017 12:36
 Operator : SJ/MA
 Sample : I1972-14
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-SW-3

Manual Integrations
 APPROVED

mohammad
 2/27/2017 1:08:56 PM

Quant Time: Feb 27 10:22:50 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	153461	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	572504	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	268688	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	409544	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	311207	20.00	ng	-0.01
86) Perylene-d12	15.45	264	251100	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1061412	118.66	ng	-0.01
7) Phenol-d6	6.48	99	1225313	106.46	ng	-0.01
23) Nitrobenzene-d5	7.40	82	752852	73.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	190403	97.98	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1354459	91.33	ng	-0.01
78) Terphenyl-d14	12.96	244	903617	68.22	ng	-0.01

Target Compounds						Qvalue
10) Phenol	6.49	94	65106	4.84	ng	93
31) Naphthalene	8.14	128	262735	9.05	ng	99
37) 2-Methylnaphthalene	8.84	142	168105	9.02	ng	96
48) Acenaphthylene	9.74	152	216493	8.23	ng	97
49) Dimethylphthalate	9.60	163	118188	6.53	ng	# 98
54) Dibenzofuran	10.09	168	69722	3.32	ng	# 88
70) Phenanthrene	11.39	178	434645	18.52	ng	97
71) Anthracene	11.44	178	177950	7.55	ng	98
72) Carbazole	11.60	167	55168	2.45	ng	99
74) Fluoranthene	12.58	202	851050	35.16	ng	97
77) Pyrene	12.81	202	820487	35.23	ng	99
80) Benzo(a)anthracene	14.00	228	595883	31.31	ng	94
82) Chrysene	14.03	228	441850m	24.79	ng	
83) Bis(2-ethylhexyl)phthalate	13.99	149	38124	2.95	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.85	276	200719	14.54	ng	98
87) Benzo(b)fluoranthene	15.04	252	639890m	38.72	ng	
88) Benzo(k)fluoranthene	15.06	252	235875m	16.53	ng	
89) Benzo(a)pyrene	15.39	252	350837	24.54	ng	98
90) Dibenz(a,h)anthracene	16.85	278	62772m	5.43	ng	
91) Benzo(a,h,i)perylene	17.28	276	184146	15.78	ng	# 89

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

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