

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
 Data File : BF090297.D
 Acq On : 29 Sep 2016 18:49
 Operator : UM/SJ
 Sample : H4982-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-29

Manual Integrations
 APPROVED

sohil
 9/30/2016 4:00:40 PM

Quant Time: Sep 30 01:02:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	126937	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	457156	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	245192	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	322080	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	249265	20.00	ng	-0.01
86) Perylene-d12	14.91	264	198953	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.03	112	982636	126.18	ng	0.00
7) Phenol-d6	6.12	99	1095925	113.95	ng	-0.01
23) Nitrobenzene-d5	7.04	82	753298	95.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.28	330	211411	100.50	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	992616	79.48	ng	-0.02
78) Terphenyl-d14	12.56	244	711117	72.43	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.14	94	22877	2.01	ng	88
37) 2-Methylnaphthalene	8.47	142	45099	3.33	ng	96
49) Dimethylphthalate	9.23	163	357217	22.87	ng	98
70) Phenanthrene	10.99	178	219223	14.55	ng	98
71) Anthracene	11.04	178	70979	4.49	ng	98
74) Fluoranthene	12.17	202	352295	21.79	ng	94
77) Pyrene	12.39	202	304099	17.83	ng	96
80) Benzo(a)anthracene	13.58	228	161451m	12.04	ng	
82) Chrysene	13.61	228	153844m	11.78	ng	
85) Indeno(1,2,3-cd)pyrene	16.06	276	74759	7.08	ng	92
87) Benzo(b)fluoranthene	14.57	252	178055m	16.16	ng	
88) Benzo(k)fluoranthene	14.59	252	65439m	6.33	ng	
89) Benzo(a)pyrene	14.86	252	120964	11.67	ng	# 91
90) Dibenzo(a,h)anthracene	16.07	278	20778	2.57	ng	# 79
91) Benzo(a,h,i)perylene	16.40	276	68820	8.69	ng	96

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

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