

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071117\  
 Data File : BF096670.D  
 Acq On : 12 Jul 2017 4:13  
 Operator : SJ/JU  
 Sample : I4130-06 2X  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-HS1-SSW

Manual Integrations  
 APPROVED

mohammad  
 7/12/2017 4:57:55 PM

Quant Time: Jul 12 05:08:20 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 07 13:02:33 2017  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	102080	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	445257	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	174105	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	226820	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	195936	20.00	ng	-0.02
86) Perylene-d12	15.23	264	162134	20.00	ng	-0.02

## System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	256134	37.03	ng	-0.02
7) Phenol-d6	6.32	99	538731	63.36	ng	-0.02
23) Nitrobenzene-d5	7.25	82	323413	43.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	18869	13.87	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	542622	53.29	ng	-0.02
78) Terphenyl-d14	12.77	244	281415	30.69	ng	-0.02

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.23	77	14186	2.666	ng	98
10) Phenol	6.33	94	28420	2.934	ng	91
49) Dimethylphthalate	9.44	163	344582	26.512	ng	97
51) Acenaphthene	9.75	154	38073	3.506	ng	99
57) Fluorene	10.26	166	31603	3.121	ng	96
70) Phenanthrene	11.22	178	354554	28.916	ng	99
71) Anthracene	11.27	178	98828	7.910	ng	98
72) Carbazole	11.42	167	47896	3.812	ng	97
73) Di-n-butylphthalate	11.76	149	88273	5.800	ng	99
74) Fluoranthene	12.40	202	575796	47.897	ng	98
77) Pyrene	12.63	202	508065	32.305	ng	99
80) Benzo(a)anthracene	13.82	228	235868	20.788	ng	99
82) Chrysene	13.85	228	188996	15.906	ng	96
83) Bis(2-ethylhexyl)phthalate	13.82	149	19016	2.140	ng	# 96
85) Indeno(1,2,3-cd)pyrene	16.56	276	79263	8.451	ng	99
87) Benzo(b)fluoranthene	14.83	252	247076m	24.320	ng	
88) Benzo(k)fluoranthene	14.86	252	62913m	6.923	ng	
89) Benzo(a)pyrene	15.17	252	162531	17.919	ng	97
90) Dibenzo(a,h)anthracene	16.57	278	21994	3.082	ng	# 72
91) Benzo(g,h,i)perylene	16.97	276	65275	8.828	ng	99

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

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