

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096650.D
 Acq On : 11 Jul 2017 17:58
 Operator : SJ/JU
 Sample : I4113-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Manual Integrations
 APPROVED

mohammad
 7/12/2017 4:49:53 PM

Quant Time: Jul 12 11:26:44 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	6.69	152	109833	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	470181	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	194202	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	287239	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	182386	20.00	ng	-0.02
86) Perylene-d12	15.22	264	207430	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	659687	88.65	ng	-0.01
7) Phenol-d6	6.33	99	799414	87.38	ng	-0.02
23) Nitrobenzene-d5	7.25	82	469438	60.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	134838	88.89	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	795548	70.04	ng	-0.02
78) Terphenyl-d14	12.77	244	430418	50.43	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.33	94	24501	2.351	ng	95
49) Dimethylphthalate	9.43	163	93180	6.427	ng	100
70) Phenanthrene	11.22	178	118231	7.614	ng	99
74) Fluoranthene	12.40	202	121791	8.000	ng	98
77) Pyrene	12.63	202	112542	7.687	ng	98
80) Benzo(a)anthracene	13.81	228	50560	4.787	ng	99
82) Chrysene	13.84	228	49194	4.448	ng	96
85) Indeno(1,2,3-cd)pyrene	16.55	276	34877	3.995	ng	94
87) Benzo(b)fluoranthene	14.83	252	60819m	4.679	ng	
88) Benzo(k)fluoranthene	14.84	252	24223m	2.083	ng	
89) Benzo(a)pyrene	15.16	252	47698	4.110	ng	97
91) Benzo(g,h,i)perylene	16.95	276	36391	3.847	ng	93

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

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