

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098181.D
 Acq On : 31 Aug 2017 3:05
 Operator : SJ/JU
 Sample : I5023-04 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-082917-B

Manual Integrations
 APPROVED

Sohil
 8/31/2017 7:13:13 PM

Quant Time: Aug 31 13:38:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	119981	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	431264	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	159346	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	267060	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	220272	20.00	ng	-0.02
86) Perylene-d12	15.30	264	158340	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	565735	71.72	ng	-0.02
7) Phenol-d6	6.36	99	738994	68.95	ng	-0.02
23) Nitrobenzene-d5	7.29	82	423958	53.40	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	88490	64.00	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	605981	55.87	ng	-0.02
78) Terphenyl-d14	12.83	244	424656	40.20	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.03	128	51475	2.299	ng	99
37) 2-Methylnaphthalene	8.72	142	33583	2.447	ng	95
48) Acenaphthylene	9.62	152	63317	3.755	ng	96
49) Dimethylphthalate	9.48	163	90931	7.807	ng	98
51) Acenaphthene	9.79	154	54811	5.155	ng	96
54) Dibenzofuran	9.96	168	69323	4.864	ng	# 96
57) Fluorene	10.30	166	112475	10.208	ng	94
70) Phenanthrene	11.27	178	826445	58.074	ng	100
71) Anthracene	11.32	178	275249	19.070	ng	99
72) Carbazole	11.47	167	100015	7.300	ng	98
74) Fluoranthene	12.46	202	1463094	98.500	ng	99
77) Pyrene	12.69	202	1507309	83.666	ng	99
80) Benzo(a)anthracene	13.87	228	764678	57.922	ng	97
82) Chrysene	13.91	228	713228	54.309	ng	97
85) Indeno(1,2,3-cd)pyrene	16.67	276	328247	33.977	ng	# 89
87) Benzo(b)fluoranthene	14.90	252	818865m	82.045	ng	
88) Benzo(k)fluoranthene	14.92	252	250652m	26.731	ng	
89) Benzo(a)pyrene	15.24	252	574692	65.043	ng	98
90) Dibenzo(a,h)anthracene	16.68	278	78306m	10.886	ng	
91) Benzo(a,h,i)perylene	17.09	276	308603	41.117	ng	93

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

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