

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103792.D
 Acq On : 20 Mar 2018 8:36
 Operator : JU/SJ
 Sample : J1946-01DL2 100X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-104(4-5)DL2

Manual Integrations
 APPROVED

Sohil
 3/20/2018 6:27:52 PM

Quant Time: Mar 20 10:42:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	137523	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	535181	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	231406	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	371560	20.00	ng	0.00
75) Chrysene-d12	14.16	240	286949	20.00	ng	0.00
86) Perylene-d12	15.69	264	257335	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	10567	1.17	ng	0.00
7) Phenol-d6	6.57	99	12919	1.17	ng	-0.01
23) Nitrobenzene-d5	7.52	82	6926	0.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	1956	0.98	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	14736	1.02	ng	0.00
78) Terphenyl-d14	13.09	244	12237	0.99	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.27	128	1287131	47.611	ng	99
37) 2-Methylnaphthalene	8.96	142	437766	25.534	ng	99
45) 1,1'-Biphenyl	9.43	154	84438	4.376	ng	96
48) Acenaphthylene	9.87	152	159845	6.726	ng	# 97
51) Acenaphthene	10.05	154	75171	5.327	ng	96
57) Fluorene	10.56	166	136997	8.760	ng	100
70) Phenanthrene	11.53	178	510948	25.139	ng	99
71) Anthracene	11.58	178	127397	6.171	ng	99
74) Fluoranthene	12.72	202	175157	8.365	ng	98
77) Pyrene	12.95	202	279350	13.256	ng	98
80) Benzo(a)anthracene	14.14	228	99478m	5.477	ng	
82) Chrysene	14.18	228	101572	5.866	ng	97
87) Benzo(b)fluoranthene	15.23	252	62742m	3.859	ng	
89) Benzo(a)pyrene	15.62	252	66494	4.509	ng	96
91) Benzo(a,h,i)perylene	17.73	276	29774	2.397	ng	94

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

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