

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097350.D
 Acq On : 4 Aug 2017 9:31
 Operator : SJ/JU
 Sample : I4540-05DL 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12020DL

Manual Integrations
 APPROVED

Sohil
 8/4/2017 5:31:15 PM

Quant Time: Aug 04 11:52:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	104576	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	385186	20.00	ng	-0.06
38) Acenaphthene-d10	9.47	164	135485	20.00	ng	-0.06
63) Phenanthrene-d10	10.95	188	206350	20.00	ng	-0.06
75) Chrysene-d12	13.57	240	151728	20.00	ng	-0.06
86) Perylene-d12	14.91	264	113028	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.05	112	206940	29.83	ng	-0.05
7) Phenol-d6	6.12	99	256481	32.39	ng	-0.05
23) Nitrobenzene-d5	7.02	82	151197	23.03	ng	-0.06
41) 2,4,6-Tribromophenol	10.26	330	34181	31.93	ng	-0.06
44) 2-Fluorobiphenyl	8.80	172	249060	31.20	ng	-0.06
78) Terphenyl-d14	12.52	244	161760	21.74	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	9.20	163	34685	3.371	ng	97
51) Acenaphthene	9.50	154	27526	3.575	ng	97
57) Fluorene	10.02	166	24279	3.150	ng	# 94
70) Phenanthrene	10.97	178	369704	33.438	ng	99
71) Anthracene	11.02	178	105752	9.339	ng	98
74) Fluoranthene	12.15	202	625218	57.723	ng	98
77) Pyrene	12.37	202	649597	52.296	ng	99
80) Benzo(a)anthracene	13.56	228	291080	29.649	ng	98
82) Chrysene	13.59	228	270674	28.235	ng	96
85) Indeno(1,2,3-cd)pyrene	16.12	276	96488	11.738	ng	95
87) Benzo(b)fluoranthene	14.56	252	263196m	38.737	ng	
88) Benzo(k)fluoranthene	14.58	252	78549m	12.132	ng	
89) Benzo(a)pyrene	14.86	252	191648	30.820	ng	97
90) Dibenzo(a,h)anthracene	16.12	278	26381	5.173	ng	93
91) Benzo(a,h,i)perylene	16.47	276	94753	17.719	ng	97

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

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