

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088948.D
 Acq On : 13 Jul 2016 6:49
 Operator : UM/SJ
 Sample : H3889-09DL 400X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-9DL

Manual Integrations

APPROVED
 SOHIL
 7/13/2016 9:25:45 AM

Quant Time: Jul 13 12:10:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	61630	20.00	ng	-0.01
21) Naphthalene-d8	7.99	136	248397	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	101619	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	146840	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	137887	20.00	ng	-0.01
86) Perylene-d12	15.21	264	117887	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	630	0.15	ng	0.00
7) Phenol-d6	6.34	99	1239	0.23	ng	-0.01
23) Nitrobenzene-d5	7.26	82	859	0.18	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.06	172	1752	0.27	ng	-0.01
78) Terphenyl-d14	12.79	244	1159	0.19	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
51) Acenaphthene	9.77	154	33604	5.22	ng	100
54) Dibenzofuran	9.94	168	20846	2.47	ng	93
57) Fluorene	10.28	166	21909	3.37	ng	98
70) Phenanthrene	11.23	178	252092	31.41	ng	99
71) Anthracene	11.29	178	58400	7.32	ng	96
72) Carbazole	11.44	167	40051	5.33	ng	99
74) Fluoranthene	12.42	202	394560	48.49	ng	97
77) Pyrene	12.65	202	307931	26.34	ng	98
80) Benzo(a)anthracene	13.83	228	172388m	19.42	ng	
82) Chrysene	13.86	228	167095m	19.02	ng	
85) Indeno(1,2,3-cd)pyrene	16.49	276	57692	8.54	ng	# 100
87) Benzo(b)fluoranthene	14.83	252	189061m	25.57	ng	
88) Benzo(k)fluoranthene	14.86	252	64491m	10.02	ng	
89) Benzo(a)pyrene	15.15	252	112275m	17.93	ng	
90) Dibenzo(a,h)anthracene	16.50	278	14825m	2.84	ng	
91) Benzo(g,h,i)perylene	16.88	276	50872	9.40	ng	# 92

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

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