

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107665.D
 Acq On : 25 Jul 2018 18:56
 Operator : JU/SJ
 Sample : J4144-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MCMaster-SEDIMENT-7-23-18

Manual Integrations
 APPROVED

Sohil
 7/26/2018 2:03:08 PM

Quant Time: Jul 26 10:37:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	200102	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	700278	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	320310	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	530479	20.00	ng	0.00
75) Chrysene-d12	14.17	240	375086	20.00	ng	0.00
86) Perylene-d12	15.70	264	386106	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	117222m	9.42	ng	-0.01
7) Phenol-d6	6.60	99	142706	9.55	ng	-0.01
23) Nitrobenzene-d5	7.53	82	79126	7.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	32351	8.88	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	171380	3.35	ng	-0.02
78) Terphenyl-d14	13.09	244	143923	9.82	ng	-0.01
Target Compounds						
31) Naphthalene	8.30	128	7472357	242.655	ng	Qvalue # 87
37) 2-Methylnaphthalene	8.97	142	2696001	126.341	ng	95
45) 1,1'-Biphenyl	9.42	154	803184	28.785	ng	96
48) Acenaphthylene	9.87	152	1153991	36.018	ng	# 95
51) Acenaphthene	10.05	154	1701080	84.740	ng	99
54) Dibenzofuran	10.22	168	2082034	70.450	ng	95
57) Fluorene	10.57	166	2002531	94.980	ng	96
70) Phenanthrene	11.55	178	4865679m	188.225	ng	
71) Anthracene	11.59	178	2112715	81.172	ng	98
72) Carbazole	11.74	167	201179	7.433	ng	98
74) Fluoranthene	12.74	202	3782275	136.350	ng	95
77) Pylene	12.97	202	3230984m	125.933	ng	
80) Benzo(a)anthracene	14.15	228	1768575	80.460	ng	# 85
82) Chrysene	14.19	228	1262276	59.782	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.28	276	527790m	29.493	ng	
87) Benzo(b)fluoranthene	15.24	252	1333994m	63.129	ng	
88) Benzo(k)fluoranthene	15.27	252	519585m	25.097	ng	
89) Benzo(a)pyrene	15.64	252	1115004	57.685	ng	95
90) Dibenzo(a,h)anthracene	17.28	278	132675m	7.940	ng	
91) Benzo(a,h,i)perylene	17.76	276	442364	26.840	ng	# 92

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

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