

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101221\
 Data File : BN016898.D
 Acq On : 12 Oct 2021 12:14
 Operator : CG/JU
 Sample : M3702-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RR-PAH-WP

Quant Time: Oct 12 12:50:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 12 02:31:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	18699	0.400	ng	0.00
7) Naphthalene-d8	10.444	136	85794	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	44410	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	81699	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	83036	0.400	ng	#-0.01
35) Perylene-d12	23.477	264	81407	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.318	112	19907	0.416	ng	0.02
5) Phenol-d6	6.868	99	23677	0.441	ng	0.00
8) Nitrobenzene-d5	8.822	82	19171	0.331	ng	-0.01
11) 2-Methylnaphthalene-d10	12.038	152	51965	0.418	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	5512	0.256	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	66700	0.392	ng	0.00
27) Fluoranthene-d10	19.073	212	89262	0.416	ng	0.00
31) Terphenyl-d14	19.678	244	73718	0.390	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.495	128	1683445	7.198	ng	99
12) 2-Methylnaphthalene	12.109	142	475282	3.251	ng	99
16) Acenaphthylene	14.015	152	2870756	15.151	ng	100
17) Acenaphthene	14.357	154	860743	6.838	ng	98
18) Fluorene	15.347	166	734821	4.836	ng	99
25) Phenanthrene	17.078	178	1060662	4.520	ng	100
26) Anthracene	17.163	178	574324	2.785	ng	100
28) Fluoranthene	19.102	202	1069264	4.141	ng	100
30) Pyrene	19.465	202	637065	2.339	ng	100
32) Benzo(a)anthracene	21.216	228	285523	1.074	ng	100
33) Chrysene	21.270	228	533071	1.954	ng	100
36) Indeno(1,2,3-cd)pyrene	25.747	276	1158695	3.631	ng	96
37) Benzo(b)fluoranthene	22.803	252	324411	1.192	ng	99
38) Benzo(k)fluoranthene	22.848	252	1176703	4.379	ng	98
39) Benzo(a)pyrene	23.378	252	1077484	4.349	ng	99
40) Dibenzo(a,h)anthracene	25.767	278	434906	1.669	ng	99
41) Benzo(g,h,i)perylene	26.442	276	453568	1.653	ng	99

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

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