

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032822\
 Data File : BN019196.D
 Acq On : 28 Mar 2022 15:22
 Operator : CG/JU
 Sample : N1870-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RR-PAH-WP

Quant Time: Mar 28 15:51:42 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:03:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	2959	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	8492	0.400	ng	0.00
13) Acenaphthene-d10	14.485	164	4915	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	9935	0.400	ng	0.00
29) Chrysene-d12	21.413	240	7718	0.400	ng	# 0.00
35) Perylene-d12	23.793	264	6433	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	3448	0.493	ng	0.00
5) Phenol-d6	7.009	99	2879	0.360	ng	0.00
8) Nitrobenzene-d5	9.003	82	2201	0.334	ng	0.01
11) 2-Methylnaphthalene-d10	12.238	152	5964	0.439	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	815	0.341	ng	0.01
15) 2-Fluorobiphenyl	13.116	172	8656	0.419	ng	0.01
27) Fluoranthene-d10	19.257	212	13323	0.458	ng	0.00
31) Terphenyl-d14	19.860	244	9108	0.529	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.690	128	203744	8.519	ng	99
12) 2-Methylnaphthalene	12.310	142	62429	3.972	ng	100
16) Acenaphthylene	14.196	152	349888	15.593	ng	100
17) Acenaphthene	14.538	154	294488	18.528	ng	99
18) Fluorene	15.532	166	180551	8.927	ng	99
25) Phenanthrene	17.267	178	41318	1.296	ng	100
26) Anthracene	17.359	178	95135	3.600	ng	100
28) Fluoranthene	19.287	202	126961	3.525	ng	99
30) Pyrene	19.653	202	173256	4.751	ng	99
32) Benzo(a)anthracene	21.404	228	43193	1.743	ng	100
33) Chrysene	21.458	228	81244	2.556	ng	100
36) Indeno(1,2,3-cd)pyrene	26.235	276	116754	4.540	ng	94
37) Benzo(b)fluoranthene	23.065	252	103304	4.229	ng	# 95
38) Benzo(k)fluoranthene	23.112	252	149467	4.821	ng	96
39) Benzo(a)pyrene	23.685	252	26838	1.282	ng	97
40) Dibenzo(a,h)anthracene	26.252	278	42254	2.182	ng	98
41) Benzo(g,h,i)perylene	26.983	276	138976	5.250	ng	98

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

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