

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
 Data File : BN019693.D
 Acq On : 05 May 2022 12:47
 Operator : CG/JU
 Sample : N1870-21
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RR-PAH-WP

Quant Time: May 05 14:56:14 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:20:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	5893	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	17151	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	9286	0.400	ng	-0.01
19) Phenanthrene-d10	17.215	188	18592	0.400	ng	0.00
29) Chrysene-d12	21.404	240	13968	0.400	ng	# 0.00
35) Perylene-d12	23.747	264	10727	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	5908	0.430	ng	0.00
5) Phenol-d6	7.017	99	7312	0.434	ng	0.00
8) Nitrobenzene-d5	8.993	82	5310	0.382	ng	-0.01
11) 2-Methylnaphthalene-d10	12.231	152	10904	0.390	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	903	0.263	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	15575	0.389	ng	0.00
27) Fluoranthene-d10	19.244	212	19107	0.371	ng	0.00
31) Terphenyl-d14	19.847	244	15666	0.479	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.690	128	360011	7.337	ng	99
12) 2-Methylnaphthalene	12.303	142	110026	3.419	ng	99
16) Acenaphthylene	14.196	152	609115	13.594	ng	99
17) Acenaphthene	14.538	154	477846	15.501	ng	99
18) Fluorene	15.521	166	296248	7.823	ng	99
25) Phenanthrene	17.256	178	71614	1.162	ng	100
26) Anthracene	17.349	178	177059	3.384	ng	99
28) Fluoranthene	19.278	202	177994	2.765	ng	99
30) Pyrene	19.636	202	235307	4.075	ng	99
32) Benzo(a)anthracene	21.386	228	73428	1.483	ng	99
33) Chrysene	21.440	228	119384	2.206	ng	99
36) Indeno(1,2,3-cd)pyrene	26.153	276	182396	3.741	ng	95
37) Benzo(b)fluoranthene	23.036	252	156414	3.528	ng	# 88
38) Benzo(k)fluoranthene	23.083	252	191862	4.089	ng	# 87
39) Benzo(a)pyrene	23.641	252	38608	1.148	ng	# 85
40) Dibenzo(a,h)anthracene	26.173	278	72076	1.815	ng	94
41) Benzo(g,h,i)perylene	26.892	276	173582	4.415	ng	97

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

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