

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036603.D
 Acq On : 14 Mar 2025 11:21
 Operator : RC/JU
 Sample : Q1502-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RR-PAH-WP

Quant Time: Mar 14 11:43:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1837	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4296	0.400	ng	# 0.00
13) Acenaphthene-d10	14.355	164	2463	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4992	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	3361	0.400	ng	# 0.00
35) Perylene-d12	23.551	264	2893	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	1550	0.362	ng	0.00
5) Phenol-d6	6.901	99	1742	0.329	ng	0.00
8) Nitrobenzene-d5	8.886	82	1545	0.331	ng	0.01
11) 2-Methylnaphthalene-d10	12.096	152	2321	0.363	ng	-0.02
14) 2,4,6-Tribromophenol	15.870	330	256	0.229	ng	0.01
15) 2-Fluorobiphenyl	12.993	172	5290	0.369	ng	0.00
27) Fluoranthene-d10	19.136	212	5143	0.402	ng	0.00
31) Terphenyl-d14	19.745	244	3276	0.407	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.552	128	116095	9.187	ng	97
12) 2-Methylnaphthalene	12.172	142	73370	9.125	ng	99
16) Acenaphthylene	14.078	152	50637	4.357	ng	100
17) Acenaphthene	14.420	154	108429	14.251	ng	98
18) Fluorene	15.414	166	47677	4.632	ng	100
25) Phenanthrene	17.149	178	45880	3.064	ng	100
26) Anthracene	17.235	178	47922	3.546	ng	99
28) Fluoranthene	19.169	202	64871	3.856	ng	99
30) Pyrene	19.531	202	49034	2.984	ng	100
32) Benzo(a)anthracene	21.277	228	9966	0.853	ng	99
33) Chrysene	21.331	228	58070	4.547	ng	99
36) Indeno(1,2,3-cd)pyrene	25.820	276	38177	3.656	ng	94
37) Benzo(b)fluoranthene	22.867	252	42724	4.058	ng	# 84
38) Benzo(k)fluoranthene	22.911	252	16012	1.450	ng	# 86
39) Benzo(a)pyrene	23.449	252	16926	1.909	ng	# 79
40) Dibenzo(a,h)anthracene	25.841	278	11055	1.360	ng	# 85
41) Benzo(g,h,i)perylene	26.522	276	19668	2.115	ng	93

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

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