

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036604.D
 Acq On : 14 Mar 2025 12:11
 Operator : RC/JU
 Sample : Q1502-21DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RR-PAH-WPDL

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/17/2025
 Supervised By :Jagrut Upadhyay 03/17/2025

Quant Time: Mar 14 12:39:19 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	7.717	152	1713	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4150	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	2481	0.400	ng	-0.01
19) Phenanthrene-d10	17.111	188	4430	0.400	ng	# 0.00
29) Chrysene-d12	21.295	240	3514	0.400	ng	0.00
35) Perylene-d12	23.554	264	3166	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	305	0.076	ng	0.00
5) Phenol-d6	6.901	99	324	0.066	ng	0.00
8) Nitrobenzene-d5	8.897	82	269	0.060	ng	0.02
11) 2-Methylnaphthalene-d10	12.106	152	452	0.073	ng	0.00
14) 2,4,6-Tribromophenol	15.883	330	58	0.052	ng	0.03
15) 2-Fluorobiphenyl	13.003	172	811	0.056	ng	0.02
27) Fluoranthene-d10	19.141	212	996	0.088	ng	0.00
31) Terphenyl-d14	19.750	244	651	0.077	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.562	128	22116	1.812	ng	98
12) 2-Methylnaphthalene	12.182	142	13633	1.755	ng	99
16) Acenaphthylene	14.078	152	9655	0.825	ng	100
17) Acenaphthene	14.420	154	20708	2.702	ng	99
18) Fluorene	15.425	166	7985	0.770	ng	100
25) Phenanthrene	17.149	178	7968	0.600	ng	100
26) Anthracene	17.248	178	7936	0.662	ng	99
28) Fluoranthene	19.174	202	11861	0.795	ng	98
30) Pyrene	19.536	202	9070	0.528	ng	100
32) Benzo(a)anthracene	21.286	228	1908	0.156	ng	93
33) Chrysene	21.331	228	12287	0.920	ng	100
36) Indeno(1,2,3-cd)pyrene	25.835	276	7952	0.696	ng	# 91
37) Benzo(b)fluoranthene	22.876	252	9213m	0.800	ng	
38) Benzo(k)fluoranthene	22.917	252	3283	0.272	ng	97
39) Benzo(a)pyrene	23.455	252	3773	0.389	ng	98
40) Dibenzo(a,h)anthracene	25.858	278	2135	0.240	ng	# 89
41) Benzo(g,h,i)perylene	26.531	276	4270	0.420	ng	97

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

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