

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022625\
 Data File : BN036511.D
 Acq On : 26 Feb 2025 15:31
 Operator : RC/JU
 Sample : Q1423-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-EB-20250221

Quant Time: Feb 26 15:55:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/27/2025
 Supervised By :mohammad ahmed 02/28/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	2561	0.400	ng	-0.01
7) Naphthalene-d8	10.530	136	5724	0.400	ng	-0.01
13) Acenaphthene-d10	14.377	164	3696	0.400	ng	-0.01
19) Phenanthrene-d10	17.124	188	7691	0.400	ng	-0.01
29) Chrysene-d12	21.313	240	5768	0.400	ng	0.00
35) Perylene-d12	23.578	264	5083	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	957	0.158	ng	-0.01
5) Phenol-d6	6.923	99	596	0.084	ng	-0.01
8) Nitrobenzene-d5	8.897	82	2065	0.366	ng	-0.01
11) 2-Methylnaphthalene-d10	12.121	152	3255	0.370	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	623	0.340	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	6877	0.495	ng	-0.02
27) Fluoranthene-d10	19.155	212	9001	0.421	ng	-0.01
31) Terphenyl-d14	19.754	244	7770	0.631	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.584	128	434	0.026	ng	# 55
12) 2-Methylnaphthalene	12.197	142	240	0.022	ng	# 82
16) Acenaphthylene	14.099	152	415	0.025	ng	# 91
17) Acenaphthene	14.441	154	256	0.023	ng	98
18) Fluorene	15.435	166	446	0.029	ng	# 96
25) Phenanthrene	17.161	178	886	0.040	ng	95
26) Anthracene	17.260	178	719	0.037	ng	97
28) Fluoranthene	19.187	202	1310	0.048	ng	# 64
30) Pyrene	19.550	202	1284	0.058	ng	99
32) Benzo(a)anthracene	21.295	228	913	0.048	ng	# 89
33) Chrysene	21.348	228	1129	0.055	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.232	149	962	0.081	ng	# 94
36) Indeno(1,2,3-cd)pyrene	25.884	276	854m	0.048	ng	
40) Dibenzo(a,h)anthracene	25.905	278	605m	0.043	ng	
41) Benzo(g,h,i)perylene	26.583	276	699	0.044	ng	# 56

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

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