

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050825\
 Data File : BN036978.D
 Acq On : 08 May 2025 18:05
 Operator : RC/JU
 Sample : Q1939-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GB3B

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/09/2025
 Supervised By :Jagrut Upadhyay 05/09/2025

Quant Time: May 08 18:28:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 15:35:03 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.625	152	3567	0.400	ng	# 0.00
7) Naphthalene-d8	10.404	136	9662	0.400	ng	#-0.01
13) Acenaphthene-d10	14.266	164	26498	0.400	ng	#-0.01
19) Phenanthrene-d10	17.033	188	7588	0.400	ng	# 0.01
29) Chrysene-d12	21.215	240	6896	0.400	ng	# 0.00
35) Perylene-d12	23.421	264	7149	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	2181	0.239	ng	0.00
5) Phenol-d6	6.809	99	7430	0.662	ng	0.00
8) Nitrobenzene-d5	8.760	82	70053	6.930	ng	-0.02
11) 2-Methylnaphthalene-d10	12.016	152	5724	0.424	ng	0.00
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	12.888	172	6785m	0.053	ng	-0.01
27) Fluoranthene-d10	19.063	212	4801	0.244	ng	0.00
31) Terphenyl-d14	19.663	244	3183	0.196	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.097	142	3671578	201.969	ng	96
18) Fluorene	15.336	166	296195	2.662	ng	# 79
25) Phenanthrene	17.071	178	899419	35.912	ng	# 90
26) Anthracene	17.157	178	120627	5.325	ng	# 79
28) Fluoranthene	19.091	202	98144	3.497	ng	# 91
30) Pyrene	19.453	202	160708	4.839	ng	98
32) Benzo(a)anthracene	21.197	228	33457	1.317	ng	# 88
33) Chrysene	21.251	228	35222	1.286	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.144	149	3374	0.234	ng	91
36) Indeno(1,2,3-cd)pyrene	25.634	276	18789	0.644	ng	97
37) Benzo(b)fluoranthene	22.760	252	37102	1.234	ng	97
38) Benzo(k)fluoranthene	22.801	252	12029m	0.398	ng	
39) Benzo(a)pyrene	23.325	252	32232m	1.304	ng	
40) Dibenzo(a,h)anthracene	25.634	278	7215	0.314	ng	# 88
41) Benzo(g,h,i)perylene	26.313	276	24364	0.955	ng	99

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

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