

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
 Data File : BN036501.D
 Acq On : 24 Feb 2025 16:13
 Operator : RC/JU
 Sample : Q1402-01DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250219DL

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 02/25/2025
 Supervised By :mohammad ahmed 02/28/2025

Quant Time: Feb 24 16:42:58 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	3817	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	9950	0.400	ng	-0.01
13) Acenaphthene-d10	14.377	164	6752	0.400	ng	-0.01
19) Phenanthrene-d10	17.124	188	14788	0.400	ng	-0.01
29) Chrysene-d12	21.313	240	26601	0.400	ng	# 0.00
35) Perylene-d12	23.578	264	21200	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	484	0.054	ng	-0.01
5) Phenol-d6	6.923	99	754	0.071	ng	-0.01
8) Nitrobenzene-d5	8.896	82	787	0.080	ng	-0.01
11) 2-Methylnaphthalene-d10	12.141	152	1222	0.080	ng	0.00
14) 2,4,6-Tribromophenol	15.882	330	750	0.224	ng	0.00
15) 2-Fluorobiphenyl	13.019	172	2901	0.114	ng	0.00
27) Fluoranthene-d10	19.159	212	3560	0.087	ng	0.00
31) Terphenyl-d14	19.759	244	93200	1.641	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	5789	1.386	ng	99
20) 4,6-Dinitro-2-methylph...	15.522	198	176	0.061	ng	# 35
23) Atrazine	16.602	200	1306	0.177	ng	96
24) Pentachlorophenol	16.788	266	1090	0.211	ng	100
25) Phenanthrene	17.161	178	1461m	0.034	ng	
26) Anthracene	17.260	178	2566	0.068	ng	100
28) Fluoranthene	19.187	202	11011	0.210	ng	98
30) Pyrene	19.550	202	12112	0.118	ng	99
32) Benzo(a)anthracene	21.295	228	10402	0.119	ng	98
33) Chrysene	21.348	228	12311	0.130	ng	100
34) Bis(2-ethylhexyl)phtha...	21.232	149	9728	0.178	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.873	276	9820	0.133	ng	93
37) Benzo(b)fluoranthene	22.896	252	9785	0.140	ng	# 64
38) Benzo(k)fluoranthene	22.943	252	10607	0.148	ng	# 63
39) Benzo(a)pyrene	23.481	252	6675	0.110	ng	# 44
40) Dibenzo(a,h)anthracene	25.890	278	7504	0.128	ng	# 80
41) Benzo(g,h,i)perylene	26.571	276	7909	0.119	ng	# 90

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

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