Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082825\
Data File : BN037652.D
Acq On : 28 Aug 2025 11:54
Operator : RC/JU
Sample : PB169421BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169421BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/03/2025
Supervised By :Jagrut Upadhyay 09/03/2025

Quant Time: Aug 28 12:22:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	2769	0.400	ng		0.00
7) Naphthalene-d8	10.488	136	6405	0.400	ng		-0.01
13) Acenaphthene-d10	14.345	164	2792	0.400	ng		0.00
19) Phenanthrene-d10	17.087	188	4991	0.400	ng		0.00
29) Chrysene-d12	21.268	240	3590	0.400	ng		0.00
35) Perylene-d12	23.496	264	3204	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	1994	0.318	ng		0.00
5) Phenol-d6	6.872	99	2198	0.291	ng		0.00
8) Nitrobenzene-d5	8.843	82	1607	0.356	ng		-0.01
11) 2-Methylnaphthalene-d10	12.081	152	2752m	0.316	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	372	0.304	ng		0.00
15) 2-Fluorobiphenyl	12.968	172	6111	0.378	ng		0.00
27) Fluoranthene-d10	19.113	212	3719	0.283	ng		0.00
31) Terphenyl-d14	19.717	244	2658	0.360	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	799	0.302	ng	#	75
3) n-Nitrosodimethylamine	3.536	42	1167	0.345	ng		97
6) bis(2-Chloroethyl)ether	7.132	93	2254	0.331	ng		96
9) Naphthalene	10.541	128	5529	0.324	ng		99
10) Hexachlorobutadiene	10.840	225	1461	0.351	ng	#	100
12) 2-Methylnaphthalene	12.157	142	2982	0.279	ng		99
16) Acenaphthylene	14.056	152	4487	0.359	ng		100
17) Acenaphthene	14.398	154	2726	0.320	ng		99
18) Fluorene	15.393	166	3517	0.316	ng		100
20) 4,6-Dinitro-2-methylph...	15.467	198	194	0.395	ng		94
21) 4-Bromophenyl-phenylether	16.280	248	1025	0.327	ng	#	88
22) Hexachlorobenzene	16.391	284	1647	0.370	ng		97
23) Atrazine	16.553	200	646	0.364	ng		95
24) Pentachlorophenol	16.739	266	833	0.533	ng		99
25) Phenanthrene	17.124	178	4916	0.324	ng		99
26) Anthracene	17.211	178	4311	0.321	ng		100
28) Fluoranthene	19.141	202	4833	0.277	ng		99
30) Pyrene	19.503	202	4645	0.346	ng		99
32) Benzo(a)anthracene	21.250	228	4093	0.341	ng		99
33) Chrysene	21.295	228	4542	0.340	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	1759	0.355	ng		99
36) Indeno(1,2,3-cd)pyrene	25.750	276	4546	0.337	ng		99
37) Benzo(b)fluoranthene	22.824	252	4267	0.351	ng		94
38) Benzo(k)fluoranthene	22.867	252	4412	0.322	ng		94
39) Benzo(a)pyrene	23.397	252	3577	0.355	ng	#	91
40) Dibenzo(a,h)anthracene	25.768	278	3387	0.323	ng		95
41) Benzo(g,h,i)perylene	26.431	276	4128	0.374	ng		97

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

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