Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
Data File : BN038448.D
Acq On : 16 Dec 2025 18:39
Operator : RC/JU
Sample : PB170918BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170918BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 12/17/2025
Supervised By :Jagrut Upadhyay 12/17/2025

Quant Time: Dec 17 02:53:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	5233	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	13392	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	6511	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	10028	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	7765	0.400	ng	0.00
35) Perylene-d12	23.616	264	8296	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	4505	0.346	ng	0.00
5) Phenol-d6	6.879	99	5002	0.323	ng	0.00
8) Nitrobenzene-d5	8.864	82	4279	0.379	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	6226m	0.330	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	738	0.255	ng	-0.01
15) 2-Fluorobiphenyl	12.998	172	14396	0.459	ng	-0.01
27) Fluoranthene-d10	19.173	212	8438	0.340	ng	-0.01
31) Terphenyl-d14	19.777	244	6501	0.375	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	1762	0.294	ng	# 51
3) n-Nitrosodimethylamine	3.499	42	2577	0.343	ng	# 96
6) bis(2-Chloroethyl)ether	7.132	93	5047	0.333	ng	96
9) Naphthalene	10.562	128	13433	0.339	ng	100
10) Hexachlorobutadiene	10.861	225	2464	0.350	ng	# 99
12) 2-Methylnaphthalene	12.187	142	7570	0.301	ng	99
16) Acenaphthylene	14.099	152	11504	0.360	ng	99
17) Acenaphthene	14.441	154	6988	0.314	ng	98
18) Fluorene	15.435	166	8861	0.309	ng	99
20) 4,6-Dinitro-2-methylph...	15.522	198	339	0.206	ng	# 64
21) 4-Bromophenyl-phenylether	16.329	248	2516	0.338	ng	# 89
22) Hexachlorobenzene	16.441	284	3156	0.353	ng	98
23) Atrazine	16.602	200	1694	0.334	ng	# 95
24) Pentachlorophenol	16.788	266	1537	0.440	ng	100
25) Phenanthrene	17.173	178	11976	0.343	ng	99
26) Anthracene	17.273	178	10552	0.351	ng	99
28) Fluoranthene	19.206	202	11944	0.322	ng	100
30) Pyrene	19.568	202	12422	0.325	ng	100
32) Benzo(a)anthracene	21.313	228	10552	0.352	ng	99
33) Chrysene	21.366	228	12075	0.366	ng	100
34) Bis(2-ethylhexyl)phtha...	21.250	149	4491	0.273	ng	100
36) Indeno(1,2,3-cd)pyrene	25.934	276	15809	0.359	ng	100
37) Benzo(b)fluoranthene	22.926	252	12999	0.341	ng	98
38) Benzo(k)fluoranthene	22.970	252	13119	0.345	ng	98
39) Benzo(a)pyrene	23.513	252	11343	0.364	ng	97
40) Dibenzo(a,h)anthracene	25.952	278	12150	0.358	ng	97
41) Benzo(g,h,i)perylene	26.642	276	13817	0.364	ng	100

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

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