Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038358.D
Acq On : 12 Dec 2025 19:03
Operator : RC/JU
Sample : PB170912BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170912BSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

Quant Time: Dec 13 02:09:38 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	7.717	152	5504	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	14243	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	6818	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	11665	0.400	ng	0.00
29) Chrysene-d12	21.340	240	8305	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	8801	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	4917	0.359	ng	0.00
5) Phenol-d6	6.887	99	5454	0.335	ng	0.00
8) Nitrobenzene-d5	8.875	82	4653	0.387	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	7618m	0.379	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	836	0.276	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	13910	0.423	ng	0.00
27) Fluoranthene-d10	19.183	212	9671	0.335	ng	0.00
31) Terphenyl-d14	19.782	244	7442	0.402	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	1838	0.291	ng	# 65
3) n-Nitrosodimethylamine	3.507	42	2757	0.348	ng	# 97
6) bis(2-Chloroethyl)ether	7.139	93	5483	0.344	ng	96
9) Naphthalene	10.573	128	14349	0.341	ng	100
10) Hexachlorobutadiene	10.872	225	2638	0.352	ng	# 99
12) 2-Methylnaphthalene	12.197	142	8109	0.303	ng	99
16) Acenaphthylene	14.110	152	12558	0.375	ng	99
17) Acenaphthene	14.452	154	7570	0.325	ng	98
18) Fluorene	15.446	166	9826	0.327	ng	100
20) 4,6-Dinitro-2-methylph...	15.522	198	208	0.108	ng	# 1
21) 4-Bromophenyl-phenylether	16.342	248	2851	0.329	ng	97
22) Hexachlorobenzene	16.453	284	3612	0.347	ng	100
23) Atrazine	16.615	200	1948	0.330	ng	99
24) Pentachlorophenol	16.801	266	1446	0.356	ng	97
25) Phenanthrene	17.186	178	13452	0.331	ng	100
26) Anthracene	17.273	178	12005	0.343	ng	100
28) Fluoranthene	19.211	202	13300	0.308	ng	100
30) Pyrene	19.573	202	13499	0.330	ng	99
32) Benzo(a)anthracene	21.322	228	11195	0.349	ng	99
33) Chrysene	21.375	228	12514	0.354	ng	99
34) Bis(2-ethylhexyl)phtha...	21.259	149	5141	0.292	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.949	276	17687	0.379	ng	100
37) Benzo(b)fluoranthene	22.935	252	13459	0.333	ng	95
38) Benzo(k)fluoranthene	22.978	252	14124	0.350	ng	97
39) Benzo(a)pyrene	23.522	252	12179	0.368	ng	98
40) Dibenzo(a,h)anthracene	25.961	278	13531	0.376	ng	97
41) Benzo(g,h,i)perylene	26.653	276	15173	0.377	ng	99

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

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