Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
Data File : BN038238.D
Acq On : 01 Dec 2025 22:42
Operator : RC/JU
Sample : PB170712BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170712BSD

Quant Time: Dec 04 12:03:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	9081	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	25072	0.400	ng	#-0.01
13) Acenaphthene-d10	14.430	164	10824	0.400	ng	0.00
19) Phenanthrene-d10	17.173	188	16101	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	14003	0.400	ng	0.00
35) Perylene-d12	23.671	264	15858	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	8650	0.408	ng	0.00
5) Phenol-d6	6.930	99	9418	0.355	ng	0.00
8) Nitrobenzene-d5	8.918	82	8050	0.402	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	12286	0.345	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1178	0.346	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	17945	0.429	ng	0.00
27) Fluoranthene-d10	19.215	212	13574	0.389	ng	0.00
31) Terphenyl-d14	19.815	244	10255	0.317	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	2880	0.301	ng	# 65
3) n-Nitrosodimethylamine	3.557	42	4504	0.382	ng	# 97
6) bis(2-Chloroethyl)ether	7.183	93	9517	0.375	ng	96
9) Naphthalene	10.616	128	24829	0.357	ng	100
10) Hexachlorobutadiene	10.915	225	4570	0.386	ng	# 99
12) 2-Methylnaphthalene	12.238	142	13648	0.298	ng	98
16) Acenaphthylene	14.142	152	18881	0.390	ng	100
17) Acenaphthene	14.484	154	11726	0.348	ng	98
18) Fluorene	15.478	166	14142	0.324	ng	99
20) 4,6-Dinitro-2-methylph...	15.560	198	159	0.266	ng	# 58
21) 4-Bromophenyl-phenylether	16.379	248	3955	0.355	ng	99
22) Hexachlorobenzene	16.491	284	4649	0.339	ng	98
23) Atrazine	16.640	200	2811	0.395	ng	# 93
24) Pentachlorophenol	16.838	266	2524	0.671	ng	99
25) Phenanthrene	17.223	178	17571	0.348	ng	98
26) Anthracene	17.310	178	16311	0.378	ng	99
28) Fluoranthene	19.243	202	18836	0.387	ng	100
30) Pyrene	19.606	202	19886	0.284	ng	99
32) Benzo(a)anthracene	21.349	228	19111	0.403	ng	99
33) Chrysene	21.402	228	20271	0.362	ng	99
34) Bis(2-ethylhexyl)phtha...	21.286	149	11826	0.455	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.022	276	28125	0.383	ng	99
37) Benzo(b)fluoranthene	22.975	252	21654	0.333	ng	98
38) Benzo(k)fluoranthene	23.019	252	22543	0.333	ng	99
39) Benzo(a)pyrene	23.572	252	21487	0.394	ng	94
40) Dibenzo(a,h)anthracene	26.039	278	21580	0.388	ng	98
41) Benzo(g,h,i)perylene	26.735	276	23394	0.352	ng	99

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

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