Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102025\
Data File : BN038104.D
Acq On : 20 Oct 2025 19:09
Operator : RC/JU
Sample : PB170167BSD
Misc :
ALS Vial : 5 Sample Multiplier: 2

Instrument :
BNA_N
ClientSampleId :
PB170167BSD

Quant Time: Oct 21 11:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 21 02:23:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	15910	0.800	ng	0.00
7) Naphthalene-d8	10.584	136	42753	0.800	ng	# 0.00
13) Acenaphthene-d10	14.441	164	20532	0.800	ng	0.00
19) Phenanthrene-d10	17.198	188	36706	0.800	ng	0.00
29) Chrysene-d12	21.384	240	24714	0.800	ng	0.00
35) Perylene-d12	23.698	264	22637	0.800	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	6099	0.336	ng	0.00
5) Phenol-d6	6.944	99	6803	0.285	ng	0.00
8) Nitrobenzene-d5	8.939	82	6235	0.382	ng	0.00
11) 2-Methylnaphthalene-d10	12.182	152	10623	0.358	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	1090	0.280	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	17593	0.419	ng	0.00
27) Fluoranthene-d10	19.229	212	14369	0.311	ng	0.00
31) Terphenyl-d14	19.829	244	11484	0.467	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.268	88	2828	0.350	ng	# 32
3) n-Nitrosodimethylamine	3.572	42	3897	0.363	ng	# 96
6) bis(2-Chloroethyl)ether	7.204	93	7932	0.358	ng	99
9) Naphthalene	10.637	128	21247	0.361	ng	99
10) Hexachlorobutadiene	10.936	225	3847	0.383	ng	# 100
12) 2-Methylnaphthalene	12.258	142	11710	0.304	ng	99
16) Acenaphthylene	14.163	152	18216	0.391	ng	99
17) Acenaphthene	14.505	154	11253	0.339	ng	98
18) Fluorene	15.499	166	14097	0.351	ng	98
20) 4,6-Dinitro-2-methylph...	15.572	198	584	0.389	ng	# 16
21) 4-Bromophenyl-phenylether	16.391	248	4187	0.350	ng	# 91
22) Hexachlorobenzene	16.503	284	5338	0.368	ng	99
23) Atrazine	16.664	200	2736	0.300	ng	98
24) Pentachlorophenol	16.851	266	2496	0.502	ng	98
25) Phenanthrene	17.235	178	20656	0.342	ng	99
26) Anthracene	17.322	178	18137	0.346	ng	100
28) Fluoranthene	19.257	202	20126	0.303	ng	99
30) Pyrene	19.620	202	19840	0.407	ng	100
32) Benzo(a)anthracene	21.366	228	15035	0.348	ng	99
33) Chrysene	21.420	228	18042	0.386	ng	99
34) Bis(2-ethylhexyl)phtha...	21.304	149	6818	0.399	ng	97
36) Indeno(1,2,3-cd)pyrene	26.054	276	20018	0.387	ng	98
37) Benzo(b)fluoranthene	22.996	252	16353	0.335	ng	# 91
38) Benzo(k)fluoranthene	23.043	252	18188	0.370	ng	# 91
39) Benzo(a)pyrene	23.598	252	14317	0.371	ng	# 86
40) Dibenzo(a,h)anthracene	26.078	278	15131	0.375	ng	93
41) Benzo(g,h,i)perylene	26.773	276	17222	0.406	ng	99

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

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