Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
Data File : BN038062.D
Acq On : 08 Oct 2025 01:30
Operator : RC/JU
Sample : PB169992BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169992BS

Quant Time: Oct 11 03:10:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	7935	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	21113	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	9467	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	14822	0.400	ng	#-0.02
29) Chrysene-d12	21.384	240	8116	0.400	ng	-0.02
35) Perylene-d12	23.703	264	8137	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	6477	0.358	ng	-0.01
5) Phenol-d6	6.959	99	7883	0.331	ng	-0.01
8) Nitrobenzene-d5	8.950	82	6788	0.422	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	10250	0.350	ng	-0.02
14) 2,4,6-Tribromophenol	15.944	330	848	0.236	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	17046	0.440	ng	-0.02
27) Fluoranthene-d10	19.234	212	9888	0.265	ng	-0.02
31) Terphenyl-d14	19.833	244	7489	0.463	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	2789	0.346	ng	# 70
3) n-Nitrosodimethylamine	3.593	42	4134	0.386	ng	# 92
6) bis(2-Chloroethyl)ether	7.219	93	8289	0.375	ng	97
9) Naphthalene	10.648	128	21295	0.366	ng	99
10) Hexachlorobutadiene	10.946	225	3813	0.384	ng	# 100
12) 2-Methylnaphthalene	12.273	142	11781	0.310	ng	99
16) Acenaphthylene	14.174	152	17225	0.401	ng	100
17) Acenaphthene	14.516	154	10551	0.345	ng	97
18) Fluorene	15.499	166	11426	0.308	ng	97
20) 4,6-Dinitro-2-methylph...	15.584	198	402	0.282	ng	# 37
21) 4-Bromophenyl-phenylether	16.404	248	3700	0.383	ng	# 84
22) Hexachlorobenzene	16.515	284	4855	0.415	ng	99
23) Atrazine	16.664	200	2000	0.272	ng	# 92
24) Pentachlorophenol	16.863	266	1551	0.386	ng	97
25) Phenanthrene	17.248	178	17617	0.361	ng	100
26) Anthracene	17.335	178	15152	0.358	ng	99
28) Fluoranthene	19.266	202	14111	0.263	ng	99
30) Pyrene	19.629	202	13787	0.430	ng	100
32) Benzo(a)anthracene	21.366	228	10601	0.374	ng	100
33) Chrysene	21.420	228	11859	0.387	ng	100
34) Bis(2-ethylhexyl)phtha...	21.304	149	3906	0.348	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.063	276	16983	0.457	ng	97
37) Benzo(b)fluoranthene	22.999	252	12697	0.362	ng	# 91
38) Benzo(k)fluoranthene	23.046	252	12273	0.348	ng	# 90
39) Benzo(a)pyrene	23.598	252	10797	0.389	ng	# 88
40) Dibenzo(a,h)anthracene	26.077	278	13201	0.455	ng	96
41) Benzo(g,h,i)perylene	26.782	276	14778	0.485	ng	98

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

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