Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
Data File : BN038019.D
Acq On : 06 Oct 2025 21:01
Operator : RC/JU
Sample : PB169903BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169903BS

Quant Time: Oct 07 01:40:08 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	8454	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	22777	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	10545	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	17535	0.400	ng	-0.01
29) Chrysene-d12	21.384	240	9385	0.400	ng	#-0.02
35) Perylene-d12	23.709	264	8566	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	6780	0.351	ng	0.00
5) Phenol-d6	6.959	99	8166	0.322	ng	-0.01
8) Nitrobenzene-d5	8.950	82	6934	0.399	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	10878	0.344	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	1073	0.268	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	18680	0.433	ng	-0.01
27) Fluoranthene-d10	19.239	212	12243	0.278	ng	-0.01
31) Terphenyl-d14	19.838	244	9380	0.502	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	2795	0.326	ng	# 70
3) n-Nitrosodimethylamine	3.593	42	3970	0.348	ng	# 93
6) bis(2-Chloroethyl)ether	7.219	93	8396	0.357	ng	98
9) Naphthalene	10.658	128	21888	0.349	ng	99
10) Hexachlorobutadiene	10.957	225	3953	0.369	ng	# 99
12) 2-Methylnaphthalene	12.273	142	12353	0.301	ng	99
16) Acenaphthylene	14.174	152	18418	0.385	ng	99
17) Acenaphthene	14.526	154	11665	0.342	ng	99
18) Fluorene	15.510	166	12827	0.311	ng	100
20) 4,6-Dinitro-2-methylph...	15.585	198	671	0.366	ng	# 88
21) 4-Bromophenyl-phenylether	16.404	248	4201	0.368	ng	92
22) Hexachlorobenzene	16.515	284	5450	0.393	ng	99
23) Atrazine	16.664	200	2248	0.258	ng	# 87
24) Pentachlorophenol	16.863	266	2247	0.473	ng	98
25) Phenanthrene	17.248	178	20536	0.356	ng	100
26) Anthracene	17.335	178	17537	0.350	ng	100
28) Fluoranthene	19.271	202	16906	0.266	ng	100
30) Pyrene	19.629	202	16358	0.441	ng	100
32) Benzo(a)anthracene	21.375	228	11922	0.363	ng	99
33) Chrysene	21.420	228	13003	0.367	ng	99
34) Bis(2-ethylhexyl)phtha...	21.304	149	4311	0.332	ng	99
36) Indeno(1,2,3-cd)pyrene	26.072	276	17241	0.440	ng	99
37) Benzo(b)fluoranthene	23.005	252	12965	0.351	ng	# 91
38) Benzo(k)fluoranthene	23.051	252	12534	0.337	ng	# 89
39) Benzo(a)pyrene	23.604	252	11150	0.382	ng	# 90
40) Dibenzo(a,h)anthracene	26.092	278	13552	0.443	ng	96
41) Benzo(g,h,i)perylene	26.794	276	15211	0.474	ng	99

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

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