Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
Data File : BN038007.D
Acq On : 06 Oct 2025 13:44
Operator : RC/JU
Sample : Q3194-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250922MS

Quant Time: Oct 06 14:12:35 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	7454	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	19259	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	8854	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	15556	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	10706	0.400	ng	0.00
35) Perylene-d12	23.712	264	10137	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	1459	0.086	ng	0.00
5) Phenol-d6	6.966	99	1406	0.063	ng	0.00
8) Nitrobenzene-d5	8.950	82	5224	0.356	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	7211	0.270	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	826	0.246	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	13502	0.372	ng	-0.01
27) Fluoranthene-d10	19.239	212	13129	0.336	ng	-0.01
31) Terphenyl-d14	19.838	244	12998	0.610	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	2716	0.359	ng	# 76
3) n-Nitrosodimethylamine	3.593	42	1424	0.141	ng	# 85
6) bis(2-Chloroethyl)ether	7.226	93	6806	0.328	ng	98
9) Naphthalene	10.658	128	17263	0.325	ng	99
10) Hexachlorobutadiene	10.957	225	2938	0.325	ng	# 100
12) 2-Methylnaphthalene	12.278	142	9913	0.286	ng	99
16) Acenaphthylene	14.174	152	14948	0.372	ng	99
17) Acenaphthene	14.527	154	9388	0.328	ng	99
18) Fluorene	15.510	166	10626	0.307	ng	99
20) 4,6-Dinitro-2-methylph...	15.585	198	516	0.328	ng	# 56
21) 4-Bromophenyl-phenylether	16.404	248	3776	0.372	ng	# 91
22) Hexachlorobenzene	16.515	284	4604	0.375	ng	99
23) Atrazine	16.664	200	2403	0.311	ng	# 90
24) Pentachlorophenol	16.863	266	2517	0.597	ng	96
25) Phenanthrene	17.248	178	19370	0.378	ng	99
26) Anthracene	17.335	178	16401	0.369	ng	100
28) Fluoranthene	19.271	202	19300	0.342	ng	100
30) Pyrene	19.633	202	19112	0.452	ng	100
32) Benzo(a)anthracene	21.375	228	15788	0.422	ng	99
33) Chrysene	21.429	228	17159	0.424	ng	99
34) Bis(2-ethylhexyl)phtha...	21.313	149	7200	0.486	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.080	276	21522	0.465	ng	99
37) Benzo(b)fluoranthene	23.008	252	17563	0.402	ng	# 95
38) Benzo(k)fluoranthene	23.054	252	17865	0.406	ng	# 94
39) Benzo(a)pyrene	23.607	252	14614	0.423	ng	93
40) Dibenzo(a,h)anthracene	26.095	278	16814	0.465	ng	99
41) Benzo(g,h,i)perylene	26.800	276	18228	0.480	ng	98

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

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