Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
Data File : BN038008.D
Acq On : 06 Oct 2025 14:20
Operator : RC/JU
Sample : Q3194-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250922MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 14:46:58 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	7368	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	19533	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	9117	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	15754	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	10676	0.400	ng	0.00
35) Perylene-d12	23.712	264	10526	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	1546	0.092	ng	0.00
5) Phenol-d6	6.966	99	1368	0.062	ng	0.00
8) Nitrobenzene-d5	8.950	82	5280	0.354	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	7447	0.274	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	818	0.237	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	13729	0.368	ng	-0.01
27) Fluoranthene-d10	19.239	212	13015	0.328	ng	-0.01
31) Terphenyl-d14	19.838	244	12845	0.604	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	2714	0.363	ng	# 80
3) n-Nitrosodimethylamine	3.593	42	1331	0.134	ng	95
6) bis(2-Chloroethyl)ether	7.226	93	6706	0.327	ng	99
9) Naphthalene	10.658	128	17590	0.327	ng	99
10) Hexachlorobutadiene	10.957	225	2979	0.325	ng	# 99
12) 2-Methylnaphthalene	12.278	142	10038	0.286	ng	98
16) Acenaphthylene	14.174	152	15267	0.369	ng	100
17) Acenaphthene	14.527	154	9580	0.325	ng	99
18) Fluorene	15.510	166	10739	0.301	ng	99
20) 4,6-Dinitro-2-methylph...	15.585	198	518	0.325	ng	# 65
21) 4-Bromophenyl-phenylether	16.404	248	3800	0.370	ng	93
22) Hexachlorobenzene	16.515	284	4669	0.375	ng	99
23) Atrazine	16.664	200	2466	0.315	ng	# 89
24) Pentachlorophenol	16.863	266	2466	0.577	ng	97
25) Phenanthrene	17.248	178	19506	0.376	ng	100
26) Anthracene	17.335	178	16904	0.376	ng	100
28) Fluoranthene	19.271	202	18999	0.333	ng	100
30) Pyrene	19.633	202	18950	0.450	ng	100
32) Benzo(a)anthracene	21.375	228	15762	0.422	ng	99
33) Chrysene	21.429	228	17071	0.423	ng	99
34) Bis(2-ethylhexyl)phtha...	21.313	149	7471	0.506	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.077	276	22750	0.473	ng	98
37) Benzo(b)fluoranthene	23.008	252	18236m	0.402	ng	
38) Benzo(k)fluoranthene	23.054	252	18486	0.405	ng	95
39) Benzo(a)pyrene	23.610	252	15551	0.433	ng	# 92
40) Dibenzo(a,h)anthracene	26.092	278	17601	0.469	ng	98
41) Benzo(g,h,i)perylene	26.800	276	18698	0.474	ng	98

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

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