Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
Data File : BN037108.D
Acq On : 28 May 2025 14:17
Operator : RC/JU
Sample : PB168155BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168155BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/29/2025
Supervised By :Jagrut Upadhyay 05/29/2025

Quant Time: May 28 15:38:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.611	152	1969	0.400	ng		0.00
7) Naphthalene-d8	10.394	136	4930	0.400	ng		-0.01
13) Acenaphthene-d10	14.256	164	2429	0.400	ng		-0.01
19) Phenanthrene-d10	17.009	188	4326	0.400	ng		# 0.00
29) Chrysene-d12	21.198	240	2746	0.400	ng		0.00
35) Perylene-d12	23.398	264	2563	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.206	112	1695	0.329	ng		0.00
5) Phenol-d6	6.788	99	2029	0.314	ng		0.00
8) Nitrobenzene-d5	8.760	82	1824	0.340	ng		-0.01
11) 2-Methylnaphthalene-d10	11.986	152	2653m	0.382	ng		-0.01
14) 2,4,6-Tribromophenol	15.755	330	337	0.316	ng		-0.01
15) 2-Fluorobiphenyl	12.878	172	3875	0.348	ng		-0.01
27) Fluoranthene-d10	19.040	212	3574	0.301	ng		0.00
31) Terphenyl-d14	19.649	244	2465	0.420	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.133	88	695	0.288	ng	#	28
3) n-Nitrosodimethylamine	3.444	42	1826	0.352	ng	#	89
6) bis(2-Chloroethyl)ether	7.040	93	1934	0.326	ng		98
9) Naphthalene	10.436	128	4935	0.339	ng		98
10) Hexachlorobutadiene	10.725	225	1127	0.369	ng	#	99
12) 2-Methylnaphthalene	12.062	142	2819	0.301	ng		98
16) Acenaphthylene	13.978	152	4684	0.396	ng		100
17) Acenaphthene	14.320	154	2750	0.356	ng		99
18) Fluorene	15.314	166	3561	0.351	ng		99
20) 4,6-Dinitro-2-methylph...	15.400	198	328	0.393	ng		92
21) 4-Bromophenyl-phenylether	16.202	248	1056	0.386	ng		90
22) Hexachlorobenzene	16.314	284	1185	0.405	ng		97
23) Atrazine	16.475	200	853	0.358	ng	#	95
24) Pentachlorophenol	16.661	266	938	0.582	ng		99
25) Phenanthrene	17.046	178	5049	0.357	ng		99
26) Anthracene	17.133	178	4654	0.362	ng		100
28) Fluoranthene	19.073	202	4961	0.294	ng		98
30) Pyrene	19.435	202	4905	0.418	ng		100
32) Benzo(a)anthracene	21.189	228	3830	0.370	ng		99
33) Chrysene	21.233	228	4002	0.366	ng		99
34) Bis(2-ethylhexyl)phtha...	21.126	149	2238	0.352	ng		99
36) Indeno(1,2,3-cd)pyrene	25.602	276	4131	0.395	ng		98
37) Benzo(b)fluoranthene	22.740	252	3658	0.344	ng		96
38) Benzo(k)fluoranthene	22.784	252	3793	0.361	ng		94
39) Benzo(a)pyrene	23.304	252	3441	0.382	ng	#	90
40) Dibenzo(a,h)anthracene	25.620	278	3166	0.388	ng		97
41) Benzo(g,h,i)perylene	26.275	276	3702	0.418	ng		98

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

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