Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022625\
Data File : BN036513.D
Acq On : 26 Feb 2025 16:44
Operator : RC/JU
Sample : PB166876BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 26 17:08:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB166876BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/27/2025
Supervised By :mohammad ahmed 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	2476	0.400	ng	-0.01
7) Naphthalene-d8	10.530	136	5554	0.400	ng	-0.01
13) Acenaphthene-d10	14.377	164	2910	0.400	ng	-0.01
19) Phenanthrene-d10	17.124	188	5252	0.400	ng	#-0.01
29) Chrysene-d12	21.313	240	3329	0.400	ng	# 0.00
35) Perylene-d12	23.583	264	2986	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	2191	0.374	ng	-0.01
5) Phenol-d6	6.923	99	2453	0.357	ng	-0.01
8) Nitrobenzene-d5	8.896	82	2140	0.390	ng	-0.01
11) 2-Methylnaphthalene-d10	12.126	152	3618m	0.424	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	413	0.286	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	5561	0.508	ng	-0.01
27) Fluoranthene-d10	19.160	212	4937	0.338	ng	0.00
31) Terphenyl-d14	19.768	244	3361	0.473	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	1012	0.374	ng	# 64
3) n-Nitrosodimethylamine	3.564	42	2128	0.452	ng	# 90
6) bis(2-Chloroethyl)ether	7.168	93	2692	0.375	ng	99
9) Naphthalene	10.583	128	6389	0.399	ng	99
10) Hexachlorobutadiene	10.872	225	1621	0.416	ng	# 100
12) 2-Methylnaphthalene	12.202	142	3889	0.370	ng	98
16) Acenaphthylene	14.099	152	6135	0.477	ng	99
17) Acenaphthene	14.441	154	3815	0.444	ng	99
18) Fluorene	15.435	166	4829	0.395	ng	98
20) 4,6-Dinitro-2-methylph...	15.522	198	284	0.276	ng	# 81
21) 4-Bromophenyl-phenylether	16.329	248	1401	0.447	ng	# 83
22) Hexachlorobenzene	16.441	284	1790	0.463	ng	96
23) Atrazine	16.602	200	1070	0.409	ng	# 95
24) Pentachlorophenol	16.788	266	1005	0.547	ng	99
25) Phenanthrene	17.173	178	6582	0.434	ng	99
26) Anthracene	17.260	178	6077	0.454	ng	100
28) Fluoranthene	19.192	202	6786	0.364	ng	99
30) Pyrene	19.554	202	6905	0.539	ng	99
32) Benzo(a)anthracene	21.304	228	4649	0.424	ng	99
33) Chrysene	21.348	228	5551	0.468	ng	99
34) Bis(2-ethylhexyl)phtha...	21.232	149	3065	0.449	ng	100
36) Indeno(1,2,3-cd)pyrene	25.881	276	5305	0.508	ng	98
37) Benzo(b)fluoranthene	22.899	252	4341	0.441	ng	# 88
38) Benzo(k)fluoranthene	22.943	252	5111	0.505	ng	# 91
39) Benzo(a)pyrene	23.484	252	4229	0.493	ng	# 86
40) Dibenzo(a,h)anthracene	25.902	278	3859	0.469	ng	# 90
41) Benzo(g,h,i)perylene	26.580	276	4322	0.463	ng	96

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

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