Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022625\
Data File : BN036512.D
Acq On : 26 Feb 2025 16:07
Operator : RC/JU
Sample : PB166876BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 26 16:36:58 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 :
PB166876BS

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	2531	0.400	ng		-0.01
7) Naphthalene-d8	10.530	136	5759	0.400	ng		-0.01
13) Acenaphthene-d10	14.377	164	3208	0.400	ng		-0.01
19) Phenanthrene-d10	17.124	188	5804	0.400	ng		#-0.01
29) Chrysene-d12	21.313	240	3657	0.400	ng		# 0.00
35) Perylene-d12	23.584	264	3285	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.334	112	2271	0.380	ng		-0.01
5) Phenol-d6	6.923	99	2497	0.356	ng		-0.01
8) Nitrobenzene-d5	8.897	82	2175	0.383	ng		-0.01
11) 2-Methylnaphthalene-d10	12.126	152	3830m	0.433	ng		-0.02
14) 2,4,6-Tribromophenol	15.882	330	467	0.294	ng		0.00
15) 2-Fluorobiphenyl	13.008	172	5925	0.491	ng		-0.01
27) Fluoranthene-d10	19.160	212	5465	0.339	ng		0.00
31) Terphenyl-d14	19.763	244	3729	0.478	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	1032	0.373	ng	#	66
3) n-Nitrosodimethylamine	3.564	42	2081	0.433	ng		93
6) bis(2-Chloroethyl)ether	7.168	93	2797	0.381	ng		99
9) Naphthalene	10.584	128	6618	0.398	ng		99
10) Hexachlorobutadiene	10.872	225	1683	0.416	ng	#	99
12) 2-Methylnaphthalene	12.202	142	4224	0.388	ng		98
16) Acenaphthylene	14.099	152	6576	0.464	ng		99
17) Acenaphthene	14.441	154	4081	0.431	ng		99
18) Fluorene	15.435	166	5322	0.395	ng		99
20) 4,6-Dinitro-2-methylph...	15.522	198	352	0.309	ng		94
21) 4-Bromophenyl-phenylether	16.329	248	1533	0.443	ng	#	80
22) Hexachlorobenzene	16.441	284	1936	0.453	ng		95
23) Atrazine	16.602	200	1219	0.422	ng		96
24) Pentachlorophenol	16.789	266	1174	0.578	ng		98
25) Phenanthrene	17.161	178	7256	0.433	ng		100
26) Anthracene	17.260	178	6809	0.460	ng		99
28) Fluoranthene	19.192	202	7477	0.363	ng		99
30) Pyrene	19.554	202	7603	0.540	ng		99
32) Benzo(a)anthracene	21.304	228	5112	0.425	ng		98
33) Chrysene	21.357	228	5975	0.459	ng		99
34) Bis(2-ethylhexyl)phtha...	21.232	149	3504	0.467	ng		99
36) Indeno(1,2,3-cd)pyrene	25.884	276	5525	0.481	ng		100
37) Benzo(b)fluoranthene	22.899	252	4703	0.435	ng	#	92
38) Benzo(k)fluoranthene	22.946	252	5500	0.494	ng	#	91
39) Benzo(a)pyrene	23.487	252	4670	0.495	ng	#	88
40) Dibenzo(a,h)anthracene	25.902	278	4122	0.455	ng	#	90
41) Benzo(g,h,i)perylene	26.577	276	4481	0.436	ng		96

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

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