Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022025\
Data File : BN036480.D
Acq On : 20 Feb 2025 14:24
Operator : RC/JU
Sample : PB166758BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 21 00:11:38 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 :
PB166758BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	1827	0.400	ng	0.00
7) Naphthalene-d8	10.541	136	4127	0.400	ng	# 0.00
13) Acenaphthene-d10	14.388	164	2357	0.400	ng	0.00
19) Phenanthrene-d10	17.136	188	5256	0.400	ng	0.00
29) Chrysene-d12	21.322	240	4823	0.400	ng	0.00
35) Perylene-d12	23.589	264	4362	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	1752	0.406	ng	0.00
5) Phenol-d6	6.923	99	1995	0.394	ng	-0.01
8) Nitrobenzene-d5	8.897	82	1572	0.386	ng	-0.01
11) 2-Methylnaphthalene-d10	12.131	152	3269	0.515	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	432	0.370	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	4173	0.471	ng	-0.01
27) Fluoranthene-d10	19.164	212	5915	0.405	ng	0.00
31) Terphenyl-d14	19.764	244	4423	0.430	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	699	0.350	ng	# 51
3) n-Nitrosodimethylamine	3.572	42	1437	0.414	ng	# 97
6) bis(2-Chloroethyl)ether	7.168	93	2058	0.388	ng	98
9) Naphthalene	10.584	128	4763	0.400	ng	99
10) Hexachlorobutadiene	10.872	225	1195	0.412	ng	# 100
12) 2-Methylnaphthalene	12.207	142	3110	0.398	ng	98
16) Acenaphthylene	14.099	152	4781	0.459	ng	100
17) Acenaphthene	14.452	154	3067	0.441	ng	99
18) Fluorene	15.435	166	4315	0.436	ng	99
20) 4,6-Dinitro-2-methylph...	15.523	198	393	0.381	ng	92
21) 4-Bromophenyl-phenylether	16.329	248	1336	0.426	ng	# 88
22) Hexachlorobenzene	16.441	284	1675	0.433	ng	98
23) Atrazine	16.602	200	1144	0.437	ng	95
24) Pentachlorophenol	16.789	266	915	0.498	ng	99
25) Phenanthrene	17.173	178	6880	0.453	ng	99
26) Anthracene	17.260	178	6286	0.469	ng	99
28) Fluoranthene	19.192	202	8127	0.435	ng	99
30) Pyrene	19.559	202	8425	0.454	ng	100
32) Benzo(a)anthracene	21.304	228	7065	0.445	ng	99
33) Chrysene	21.358	228	8131	0.473	ng	99
34) Bis(2-ethylhexyl)phtha...	21.241	149	3779	0.382	ng	100
36) Indeno(1,2,3-cd)pyrene	25.890	276	7355	0.482	ng	99
37) Benzo(b)fluoranthene	22.902	252	6950	0.484	ng	97
38) Benzo(k)fluoranthene	22.949	252	7857m	0.531	ng	
39) Benzo(a)pyrene	23.490	252	6505	0.519	ng	97
40) Dibenzo(a,h)anthracene	25.908	278	5603m	0.466	ng	
41) Benzo(g,h,i)perylene	26.589	276	5921	0.434	ng	97

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

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