Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030625\
Data File : BN036542.D
Acq On : 06 Mar 2025 19:37
Operator : RC/JU
Sample : PB167006BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 07 00:25:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB167006BS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	2137	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	5013	0.400	ng	# 0.01
13) Acenaphthene-d10	14.366	164	2760	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5485	0.400	ng	0.00
29) Chrysene-d12	21.304	240	4244	0.400	ng	0.00
35) Perylene-d12	23.557	264	3808	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	2032	0.402	ng	0.00
5) Phenol-d6	6.908	99	2282	0.385	ng	0.00
8) Nitrobenzene-d5	8.875	82	1973	0.399	ng	0.00
11) 2-Methylnaphthalene-d10	12.111	152	3715m	0.482	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	404	0.295	ng	0.01
15) 2-Fluorobiphenyl	12.993	172	6506	0.627	ng	0.00
27) Fluoranthene-d10	19.146	212	5802	0.380	ng	0.00
31) Terphenyl-d14	19.750	244	4159	0.459	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	878	0.376	ng	# 66
3) n-Nitrosodimethylamine	3.550	42	1953	0.481	ng	# 90
6) bis(2-Chloroethyl)ether	7.154	93	2497	0.403	ng	98
9) Naphthalene	10.562	128	5724	0.396	ng	99
10) Hexachlorobutadiene	10.851	225	1406	0.399	ng	# 99
12) 2-Methylnaphthalene	12.187	142	3621	0.382	ng	98
16) Acenaphthylene	14.088	152	5660	0.464	ng	99
17) Acenaphthene	14.430	154	3525	0.433	ng	99
18) Fluorene	15.414	166	4696	0.405	ng	99
20) 4,6-Dinitro-2-methylph...	15.510	198	321	0.298	ng	# 84
21) 4-Bromophenyl-phenylether	16.317	248	1352	0.413	ng	# 80
22) Hexachlorobenzene	16.429	284	1703	0.421	ng	96
23) Atrazine	16.590	200	1143	0.418	ng	99
24) Pentachlorophenol	16.776	266	1086	0.566	ng	100
25) Phenanthrene	17.149	178	6991	0.441	ng	99
26) Anthracene	17.248	178	6486	0.464	ng	99
28) Fluoranthene	19.174	202	7938	0.407	ng	100
30) Pyrene	19.541	202	8220	0.503	ng	99
32) Benzo(a)anthracene	21.286	228	6100	0.437	ng	99
33) Chrysene	21.340	228	7212	0.477	ng	99
34) Bis(2-ethylhexyl)phtha...	21.214	149	3633	0.418	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.844	276	6400	0.481	ng	# 82
37) Benzo(b)fluoranthene	22.876	252	5836	0.465	ng	95
38) Benzo(k)fluoranthene	22.923	252	6394	0.495	ng	95
39) Benzo(a)pyrene	23.461	252	5521	0.504	ng	94
40) Dibenzo(a,h)anthracene	25.864	278	4852	0.462	ng	96
41) Benzo(g,h,i)perylene	26.542	276	5162	0.434	ng	97

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

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