Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060425\
Data File : BN037168.D
Acq On : 04 Jun 2025 12:27
Operator : RC/JU
Sample : PB168238BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 04 12:59:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB168238BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/04/2025
Supervised By :Jagrut Upadhyay 06/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.589	152	2103	0.400	ng		0.00
7) Naphthalene-d8	10.372	136	5280	0.400	ng		0.00
13) Acenaphthene-d10	14.235	164	2700	0.400	ng		0.00
19) Phenanthrene-d10	16.984	188	4608	0.400	ng		0.00
29) Chrysene-d12	21.189	240	2742	0.400	ng		0.00
35) Perylene-d12	23.377	264	2588	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.184	112	1971	0.379	ng		0.00
5) Phenol-d6	6.766	99	2258	0.358	ng		0.00
8) Nitrobenzene-d5	8.739	82	1999	0.359	ng		0.00
11) 2-Methylnaphthalene-d10	11.966	152	2814m	0.383	ng		0.00
14) 2,4,6-Tribromophenol	15.743	330	327	0.301	ng		0.00
15) 2-Fluorobiphenyl	12.858	172	4143	0.360	ng		0.00
27) Fluoranthene-d10	19.026	212	3525	0.301	ng		0.00
31) Terphenyl-d14	19.635	244	2396	0.371	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	1225	0.437	ng	#	34
3) n-Nitrosodimethylamine	3.429	42	2034	0.361	ng	#	99
6) bis(2-Chloroethyl)ether	7.019	93	2059	0.342	ng		95
9) Naphthalene	10.415	128	5371	0.353	ng		99
10) Hexachlorobutadiene	10.714	225	1191	0.359	ng	#	99
12) 2-Methylnaphthalene	12.042	142	3098	0.317	ng		98
16) Acenaphthylene	13.957	152	5187	0.392	ng		99
17) Acenaphthene	14.299	154	3060	0.356	ng		99
18) Fluorene	15.293	166	3960	0.350	ng		100
20) 4,6-Dinitro-2-methylph...	15.389	198	344	0.529	ng	#	65
21) 4-Bromophenyl-phenylether	16.189	248	1106	0.366	ng		95
22) Hexachlorobenzene	16.301	284	1218	0.374	ng		99
23) Atrazine	16.462	200	831	0.333	ng		98
24) Pentachlorophenol	16.649	266	740	0.594	ng		95
25) Phenanthrene	17.033	178	5935	0.398	ng		100
26) Anthracene	17.120	178	5280	0.388	ng		99
28) Fluoranthene	19.054	202	5692	0.345	ng		99
30) Pyrene	19.421	202	5655	0.422	ng		99
32) Benzo(a)anthracene	21.171	228	4122	0.415	ng		99
33) Chrysene	21.224	228	4550	0.412	ng		100
34) Bis(2-ethylhexyl)phtha...	21.117	149	2043	0.326	ng		99
36) Indeno(1,2,3-cd)pyrene	25.573	276	4721	0.459	ng		100
37) Benzo(b)fluoranthene	22.722	252	3986	0.382	ng		97
38) Benzo(k)fluoranthene	22.766	252	4119	0.386	ng		95
39) Benzo(a)pyrene	23.281	252	3570	0.408	ng		95
40) Dibenzo(a,h)anthracene	25.588	278	3621	0.456	ng		99
41) Benzo(g,h,i)perylene	26.240	276	3996	0.438	ng		98

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

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