Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060425\
Data File : BN037169.D
Acq On : 04 Jun 2025 13:03
Operator : RC/JU
Sample : PB168238BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 04 13:26:28 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 :
PB168238BSD

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	7.590	152	2147	0.400	ng		0.00
7) Naphthalene-d8	10.372	136	5350	0.400	ng		0.00
13) Acenaphthene-d10	14.235	164	2661	0.400	ng		0.00
19) Phenanthrene-d10	16.984	188	4419	0.400	ng		0.00
29) Chrysene-d12	21.189	240	2674	0.400	ng		0.00
35) Perylene-d12	23.377	264	2551	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.192	112	1953	0.368	ng		0.00
5) Phenol-d6	6.766	99	2276	0.354	ng		0.00
8) Nitrobenzene-d5	8.739	82	2021	0.358	ng		0.00
11) 2-Methylnaphthalene-d10	11.966	152	2859m	0.384	ng		0.00
14) 2,4,6-Tribromophenol	15.743	330	314	0.293	ng		0.00
15) 2-Fluorobiphenyl	12.858	172	4148	0.366	ng		0.00
27) Fluoranthene-d10	19.026	212	3333	0.297	ng		0.00
31) Terphenyl-d14	19.630	244	2256	0.358	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	1228	0.429	ng	#	35
3) n-Nitrosodimethylamine	3.430	42	2089	0.364	ng	#	95
6) bis(2-Chloroethyl)ether	7.026	93	2073	0.338	ng		95
9) Naphthalene	10.415	128	5411	0.351	ng		99
10) Hexachlorobutadiene	10.714	225	1183	0.352	ng	#	98
12) 2-Methylnaphthalene	12.042	142	3054	0.309	ng		98
16) Acenaphthylene	13.957	152	5109	0.392	ng		100
17) Acenaphthene	14.299	154	3052	0.360	ng		99
18) Fluorene	15.293	166	3886	0.349	ng		98
20) 4,6-Dinitro-2-methylph...	15.379	198	328	0.528	ng	#	80
21) 4-Bromophenyl-phenylether	16.190	248	1063	0.367	ng		95
22) Hexachlorobenzene	16.301	284	1169	0.374	ng		99
23) Atrazine	16.463	200	763	0.319	ng		99
24) Pentachlorophenol	16.649	266	671	0.574	ng		96
25) Phenanthrene	17.021	178	5611	0.392	ng		100
26) Anthracene	17.120	178	4942	0.378	ng		99
28) Fluoranthene	19.054	202	5342	0.338	ng		99
30) Pyrene	19.416	202	5262	0.403	ng		100
32) Benzo(a)anthracene	21.171	228	3952	0.408	ng		100
33) Chrysene	21.216	228	4391	0.407	ng		98
34) Bis(2-ethylhexyl)phtha...	21.108	149	1898	0.311	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.573	276	4667	0.460	ng		100
37) Benzo(b)fluoranthene	22.722	252	3779	0.367	ng		95
38) Benzo(k)fluoranthene	22.763	252	4120	0.392	ng		96
39) Benzo(a)pyrene	23.284	252	3526	0.409	ng		95
40) Dibenzo(a,h)anthracene	25.591	278	3574	0.457	ng		98
41) Benzo(g,h,i)perylene	26.243	276	3931	0.437	ng		98

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

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