Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050725\
Data File : BN036968.D
Acq On : 07 May 2025 18:10
Operator : RC/JU
Sample : PB167888BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167888BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/08/2025
Supervised By :Jagrut Upadhyay 05/08/2025

Quant Time: May 07 18:36:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:35:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.625	152	1764	0.400	ng	0.00
7) Naphthalene-d8	10.404	136	4428	0.400	ng	#-0.01
13) Acenaphthene-d10	14.277	164	2291	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	4738	0.400	ng	0.00
29) Chrysene-d12	21.215	240	3967	0.400	ng	# 0.00
35) Perylene-d12	23.424	264	3741	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	1610	0.357	ng	0.00
5) Phenol-d6	6.802	99	1948	0.351	ng	0.00
8) Nitrobenzene-d5	8.771	82	1646	0.355	ng	-0.01
11) 2-Methylnaphthalene-d10	12.006	152	2246m	0.363	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	263	0.258	ng	0.00
15) 2-Fluorobiphenyl	12.893	172	4034	0.364	ng	0.00
27) Fluoranthene-d10	19.059	212	4382	0.357	ng	0.00
31) Terphenyl-d14	19.662	244	3115	0.333	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.148	88	684	0.311	ng	# 1
3) n-Nitrosodimethylamine	3.458	42	1603	0.376	ng	# 97
6) bis(2-Chloroethyl)ether	7.055	93	1838	0.357	ng	98
9) Naphthalene	10.458	128	4558	0.354	ng	98
10) Hexachlorobutadiene	10.746	225	1022	0.367	ng	# 100
12) 2-Methylnaphthalene	12.082	142	2897	0.348	ng	99
16) Acenaphthylene	13.989	152	4212	0.376	ng	99
17) Acenaphthene	14.341	154	2643	0.359	ng	99
18) Fluorene	15.325	166	3484	0.362	ng	99
20) 4,6-Dinitro-2-methylph...	15.410	198	415	0.331	ng	# 80
21) 4-Bromophenyl-phenylether	16.227	248	1041	0.329	ng	99
22) Hexachlorobenzene	16.338	284	1170	0.338	ng	95
23) Atrazine	16.500	200	934	0.366	ng	97
24) Pentachlorophenol	16.673	266	845	0.455	ng	99
25) Phenanthrene	17.058	178	5517	0.353	ng	99
26) Anthracene	17.157	178	5034	0.356	ng	100
28) Fluoranthene	19.086	202	6135	0.350	ng	100
30) Pyrene	19.449	202	6349	0.332	ng	100
32) Benzo(a)anthracene	21.197	228	5360	0.367	ng	99
33) Chrysene	21.251	228	6044	0.384	ng	99
34) Bis(2-ethylhexyl)phtha...	21.144	149	3286	0.395	ng	99
36) Indeno(1,2,3-cd)pyrene	25.640	276	5772	0.378	ng	98
37) Benzo(b)fluoranthene	22.763	252	5433	0.345	ng	98
38) Benzo(k)fluoranthene	22.804	252	5521	0.349	ng	98
39) Benzo(a)pyrene	23.325	252	4842	0.374	ng	95
40) Dibenzo(a,h)anthracene	25.658	278	4428	0.368	ng	98
41) Benzo(g,h,i)perylene	26.315	276	4624	0.347	ng	97

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

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