Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
Data File : BN037162.D
Acq On : 04 Jun 2025 00:25
Operator : RC/JU
Sample : PB168238BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 04 02:18:42 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 06/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2587	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	6453	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	3177	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	5224	0.400	ng	0.00
29) Chrysene-d12	21.180	240	3102	0.400	ng	# 0.00
35) Perylene-d12	23.371	264	2903	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	2333	0.365	ng	0.00
5) Phenol-d6	6.773	99	2746	0.354	ng	0.00
8) Nitrobenzene-d5	8.739	82	2390	0.351	ng	0.00
11) 2-Methylnaphthalene-d10	11.971	152	3588m	0.399	ng	0.00
14) 2,4,6-Tribromophenol	15.743	330	389	0.304	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	4902	0.362	ng	0.00
27) Fluoranthene-d10	19.026	212	3912	0.295	ng	0.00
31) Terphenyl-d14	19.635	244	2520	0.345	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	919	0.267	ng	# 9
3) n-Nitrosodimethylamine	3.429	42	2213	0.320	ng	# 91
6) bis(2-Chloroethyl)ether	7.026	93	2516	0.340	ng	97
9) Naphthalene	10.415	128	6448	0.346	ng	99
10) Hexachlorobutadiene	10.714	225	1403	0.346	ng	# 100
12) 2-Methylnaphthalene	12.042	142	3703	0.310	ng	98
16) Acenaphthylene	13.957	152	5927	0.381	ng	100
17) Acenaphthene	14.299	154	3565	0.352	ng	99
18) Fluorene	15.293	166	4520	0.340	ng	99
20) 4,6-Dinitro-2-methylph...	15.389	198	391	0.530	ng	# 62
21) 4-Bromophenyl-phenylether	16.189	248	1199	0.350	ng	95
22) Hexachlorobenzene	16.301	284	1398	0.378	ng	98
23) Atrazine	16.462	200	848	0.300	ng	99
24) Pentachlorophenol	16.649	266	964	0.651	ng	95
25) Phenanthrene	17.033	178	6591	0.389	ng	100
26) Anthracene	17.120	178	5795	0.375	ng	99
28) Fluoranthene	19.054	202	6145	0.329	ng	100
30) Pyrene	19.416	202	6066	0.401	ng	99
32) Benzo(a)anthracene	21.162	228	4314	0.384	ng	98
33) Chrysene	21.215	228	5028	0.402	ng	99
34) Bis(2-ethylhexyl)phtha...	21.108	149	2178	0.307	ng	98
36) Indeno(1,2,3-cd)pyrene	25.567	276	5059	0.438	ng	99
37) Benzo(b)fluoranthene	22.717	252	4182	0.357	ng	96
38) Benzo(k)fluoranthene	22.757	252	4567	0.382	ng	94
39) Benzo(a)pyrene	23.275	252	3915	0.399	ng	96
40) Dibenzo(a,h)anthracene	25.582	278	3862	0.434	ng	99
41) Benzo(g,h,i)perylene	26.237	276	4373	0.427	ng	97

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

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