Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050725\
Data File : BN036967.D
Acq On : 07 May 2025 17:34
Operator : RC/JU
Sample : PB167888BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167888BS

Manual Integrations APPROVED

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

Quant Time: May 07 17:58:53 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	1880	0.400	ng	0.00
7) Naphthalene-d8	10.404	136	4617	0.400	ng	#-0.01
13) Acenaphthene-d10	14.277	164	2400	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	4862	0.400	ng	0.00
29) Chrysene-d12	21.215	240	3859	0.400	ng	# 0.00
35) Perylene-d12	23.424	264	3435	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.221	112	1623	0.338	ng	0.00
5) Phenol-d6	6.802	99	1880	0.318	ng	0.00
8) Nitrobenzene-d5	8.771	82	1615	0.334	ng	-0.01
11) 2-Methylnaphthalene-d10	12.006	152	2241m	0.347	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	313	0.293	ng	0.00
15) 2-Fluorobiphenyl	12.894	172	3538	0.305	ng	0.00
27) Fluoranthene-d10	19.059	212	4180	0.332	ng	0.00
31) Terphenyl-d14	19.663	244	2963	0.325	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.148	88	678	0.289	ng	# 1
3) n-Nitrosodimethylamine	3.458	42	1683	0.370	ng	# 95
6) bis(2-Chloroethyl)ether	7.062	93	1916	0.349	ng	98
9) Naphthalene	10.458	128	4643	0.346	ng	99
10) Hexachlorobutadiene	10.746	225	1059	0.364	ng	# 97
12) 2-Methylnaphthalene	12.082	142	2970	0.342	ng	98
16) Acenaphthylene	13.989	152	4277	0.365	ng	99
17) Acenaphthene	14.341	154	2736	0.355	ng	100
18) Fluorene	15.325	166	3511	0.348	ng	99
20) 4,6-Dinitro-2-methylph...	15.411	198	424	0.329	ng	# 80
21) 4-Bromophenyl-phenylether	16.227	248	1091	0.336	ng	97
22) Hexachlorobenzene	16.338	284	1225	0.344	ng	97
23) Atrazine	16.500	200	941	0.359	ng	99
24) Pentachlorophenol	16.673	266	898	0.471	ng	97
25) Phenanthrene	17.058	178	5532	0.345	ng	100
26) Anthracene	17.158	178	5070	0.349	ng	99
28) Fluoranthene	19.087	202	6114	0.340	ng	99
30) Pyrene	19.449	202	6312	0.340	ng	100
32) Benzo(a)anthracene	21.198	228	5066	0.356	ng	99
33) Chrysene	21.251	228	5695	0.372	ng	99
34) Bis(2-ethylhexyl)phtha...	21.144	149	3057	0.378	ng	99
36) Indeno(1,2,3-cd)pyrene	25.637	276	5070	0.361	ng	97
37) Benzo(b)fluoranthene	22.760	252	4944	0.342	ng	98
38) Benzo(k)fluoranthene	22.804	252	5072	0.349	ng	99
39) Benzo(a)pyrene	23.328	252	4287	0.361	ng	98
40) Dibenzo(a,h)anthracene	25.655	278	3732	0.338	ng	99
41) Benzo(g,h,i)perylene	26.316	276	4011	0.327	ng	97

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

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