Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
Data File : BN037885.D
Acq On : 25 Sep 2025 12:44
Operator : RC/JU
Sample : PB169712BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Quant Time: Sep 25 13:29:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	7082	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	19552	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	9660	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	19122	0.400	ng	0.00
29) Chrysene-d12	21.402	240	15460	0.400	ng	0.00
35) Perylene-d12	23.733	264	13073	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	5925	0.367	ng	0.00
5) Phenol-d6	6.981	99	7709	0.363	ng	0.00
8) Nitrobenzene-d5	8.971	82	5697	0.382	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	9582	0.353	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1148	0.313	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	15472	0.391	ng	0.00
27) Fluoranthene-d10	19.253	212	16458	0.342	ng	0.00
31) Terphenyl-d14	19.852	244	12280	0.399	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	2267	0.315	ng	# 63
3) n-Nitrosodimethylamine	3.601	42	3436	0.359	ng	# 91
6) bis(2-Chloroethyl)ether	7.241	93	7371	0.374	ng	99
9) Naphthalene	10.669	128	19377	0.360	ng	100
10) Hexachlorobutadiene	10.979	225	3383	0.368	ng	# 98
12) 2-Methylnaphthalene	12.293	142	11047	0.314	ng	99
16) Acenaphthylene	14.195	152	16873	0.385	ng	100
17) Acenaphthene	14.537	154	10998	0.352	ng	99
18) Fluorene	15.523	166	13577	0.359	ng	97
20) 4,6-Dinitro-2-methylph...	15.597	198	798	0.392	ng	97
21) 4-Bromophenyl-phenylether	16.416	248	4261	0.342	ng	100
22) Hexachlorobenzene	16.540	284	5565	0.368	ng	100
23) Atrazine	16.689	200	3072	0.324	ng	98
24) Pentachlorophenol	16.876	266	2586	0.499	ng	94
25) Phenanthrene	17.260	178	22894	0.364	ng	99
26) Anthracene	17.360	178	19907	0.365	ng	100
28) Fluoranthene	19.285	202	23355	0.337	ng	99
30) Pyrene	19.647	202	23008	0.377	ng	100
32) Benzo(a)anthracene	21.384	228	20382	0.377	ng	99
33) Chrysene	21.438	228	22553	0.386	ng	99
34) Bis(2-ethylhexyl)phtha...	21.322	149	6759	0.316	ng	99
36) Indeno(1,2,3-cd)pyrene	26.107	276	21870	0.366	ng	99
37) Benzo(b)fluoranthene	23.028	252	21060	0.374	ng	99
38) Benzo(k)fluoranthene	23.072	252	21159	0.373	ng	99
39) Benzo(a)pyrene	23.628	252	17352	0.389	ng	99
40) Dibenzo(a,h)anthracene	26.124	278	16856	0.361	ng	99
41) Benzo(g,h,i)perylene	26.832	276	17953	0.366	ng	99

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

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