Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
Data File : BN037906.D
Acq On : 26 Sep 2025 02:16
Operator : RC/JU
Sample : PB169794BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169794BSD

Quant Time: Sep 26 07:38:12 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	7872	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	21986	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	10679	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	20250	0.400	ng	0.00
29) Chrysene-d12	21.402	240	13542	0.400	ng	0.00
35) Perylene-d12	23.727	264	9649	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	7605	0.423	ng	0.00
5) Phenol-d6	6.973	99	9553	0.405	ng	0.00
8) Nitrobenzene-d5	8.971	82	6755	0.403	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	11675	0.382	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1320	0.326	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	18411	0.421	ng	0.00
27) Fluoranthene-d10	19.253	212	18053	0.354	ng	0.00
31) Terphenyl-d14	19.852	244	12331	0.457	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	2676	0.335	ng	# 80
3) n-Nitrosodimethylamine	3.601	42	4032	0.379	ng	# 92
6) bis(2-Chloroethyl)ether	7.233	93	8750	0.399	ng	99
9) Naphthalene	10.669	128	23947	0.395	ng	99
10) Hexachlorobutadiene	10.968	225	4408	0.427	ng	# 99
12) 2-Methylnaphthalene	12.288	142	13521	0.342	ng	99
16) Acenaphthylene	14.184	152	20552	0.424	ng	99
17) Acenaphthene	14.537	154	13201	0.382	ng	99
18) Fluorene	15.523	166	16089	0.385	ng	99
20) 4,6-Dinitro-2-methylph...	15.597	198	728	0.349	ng	86
21) 4-Bromophenyl-phenylether	16.416	248	5079	0.385	ng	94
22) Hexachlorobenzene	16.528	284	6552	0.410	ng	99
23) Atrazine	16.677	200	3327	0.331	ng	# 89
24) Pentachlorophenol	16.875	266	2777	0.506	ng	97
25) Phenanthrene	17.260	178	25976	0.390	ng	99
26) Anthracene	17.347	178	22538	0.390	ng	100
28) Fluoranthene	19.285	202	25037	0.341	ng	99
30) Pyrene	19.643	202	24796	0.464	ng	99
32) Benzo(a)anthracene	21.384	228	19488	0.412	ng	99
33) Chrysene	21.438	228	21211	0.414	ng	99
34) Bis(2-ethylhexyl)phtha...	21.322	149	5470	0.292	ng	98
36) Indeno(1,2,3-cd)pyrene	26.104	276	17847	0.405	ng	99
37) Benzo(b)fluoranthene	23.022	252	18110	0.435	ng	96
38) Benzo(k)fluoranthene	23.069	252	18173	0.434	ng	96
39) Benzo(a)pyrene	23.625	252	14612	0.444	ng	95
40) Dibenzo(a,h)anthracene	26.121	278	13787	0.400	ng	96
41) Benzo(g,h,i)perylene	26.826	276	15417	0.426	ng	99

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

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