Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
Data File : BN037958.D
Acq On : 30 Sep 2025 22:37
Operator : RC/JU
Sample : PB169886BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169886BS

Quant Time: Oct 01 01:24:28 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	7.811	152	7452	0.400	ng	-0.01
7) Naphthalene-d8	10.616	136	21033	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	11010	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	22288	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	16510	0.400	ng	0.00
35) Perylene-d12	23.718	264	12940	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	6544	0.385	ng	0.00
5) Phenol-d6	6.973	99	8313	0.372	ng	0.00
8) Nitrobenzene-d5	8.961	82	5743	0.358	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	10863	0.372	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	1422	0.341	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	16646	0.369	ng	0.00
27) Fluoranthene-d10	19.248	212	18733	0.334	ng	0.00
31) Terphenyl-d14	19.847	244	13123	0.399	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	2274	0.301	ng	# 69
3) n-Nitrosodimethylamine	3.593	42	3433	0.341	ng	# 93
6) bis(2-Chloroethyl)ether	7.233	93	7625	0.368	ng	99
9) Naphthalene	10.669	128	20638	0.356	ng	99
10) Hexachlorobutadiene	10.968	225	3701	0.374	ng	# 100
12) 2-Methylnaphthalene	12.283	142	12675	0.335	ng	100
16) Acenaphthylene	14.184	152	19193	0.384	ng	99
17) Acenaphthene	14.527	154	12054	0.338	ng	99
18) Fluorene	15.510	166	14814	0.344	ng	100
20) 4,6-Dinitro-2-methylph...	15.585	198	734	0.326	ng	# 64
21) 4-Bromophenyl-phenylether	16.404	248	4995	0.344	ng	# 82
22) Hexachlorobenzene	16.528	284	6321	0.359	ng	99
23) Atrazine	16.677	200	3460	0.313	ng	# 92
24) Pentachlorophenol	16.863	266	3400	0.563	ng	97
25) Phenanthrene	17.260	178	25564	0.349	ng	100
26) Anthracene	17.347	178	22374	0.352	ng	100
28) Fluoranthene	19.276	202	25849	0.320	ng	100
30) Pyrene	19.638	202	25406	0.390	ng	100
32) Benzo(a)anthracene	21.375	228	21314	0.369	ng	100
33) Chrysene	21.429	228	23461	0.376	ng	99
34) Bis(2-ethylhexyl)phtha...	21.313	149	7865	0.345	ng	99
36) Indeno(1,2,3-cd)pyrene	26.089	276	20709	0.350	ng	98
37) Benzo(b)fluoranthene	23.016	252	21528	0.386	ng	98
38) Benzo(k)fluoranthene	23.060	252	21693	0.386	ng	98
39) Benzo(a)pyrene	23.616	252	17246	0.391	ng	98
40) Dibenzo(a,h)anthracene	26.104	278	16146	0.350	ng	98
41) Benzo(g,h,i)perylene	26.811	276	17457	0.360	ng	99

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

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