Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
Data File : BN038079.D
Acq On : 13 Oct 2025 21:36
Operator : RC/JU
Sample : PB170061BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170061BS

Quant Time: Oct 14 02:40:11 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	7.796	152	6519	0.400	ng	-0.03
7) Naphthalene-d8	10.594	136	17676	0.400	ng	#-0.03
13) Acenaphthene-d10	14.452	164	7952	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	12853	0.400	ng	#-0.02
29) Chrysene-d12	21.393	240	8233	0.400	ng	# 0.00
35) Perylene-d12	23.712	264	7491	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	5338	0.359	ng	-0.01
5) Phenol-d6	6.959	99	5515	0.282	ng	-0.01
8) Nitrobenzene-d5	8.950	82	4841	0.359	ng	-0.02
11) 2-Methylnaphthalene-d10	12.192	152	9684	0.394	ng	-0.03
14) 2,4,6-Tribromophenol	15.944	330	740	0.245	ng	-0.02
15) 2-Fluorobiphenyl	13.072	172	14095	0.433	ng	-0.02
27) Fluoranthene-d10	19.238	212	10461	0.324	ng	-0.01
31) Terphenyl-d14	19.838	244	7957	0.485	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	2420	0.366	ng	# 36
3) n-Nitrosodimethylamine	3.586	42	3355	0.381	ng	# 96
6) bis(2-Chloroethyl)ether	7.219	93	6536	0.360	ng	99
9) Naphthalene	10.648	128	18070	0.371	ng	100
10) Hexachlorobutadiene	10.946	225	3240	0.390	ng	# 99
12) 2-Methylnaphthalene	12.268	142	9815	0.309	ng	100
16) Acenaphthylene	14.174	152	14346	0.397	ng	100
17) Acenaphthene	14.516	154	9096	0.354	ng	97
18) Fluorene	15.499	166	9600	0.309	ng	99
20) 4,6-Dinitro-2-methylph...	15.584	198	417	0.322	ng	# 13
21) 4-Bromophenyl-phenylether	16.404	248	2987	0.357	ng	# 87
22) Hexachlorobenzene	16.515	284	4061	0.400	ng	99
23) Atrazine	16.664	200	1909	0.299	ng	# 91
24) Pentachlorophenol	16.863	266	1915	0.550	ng	95
25) Phenanthrene	17.248	178	14885	0.352	ng	100
26) Anthracene	17.335	178	12901	0.352	ng	100
28) Fluoranthene	19.266	202	14576	0.313	ng	99
30) Pyrene	19.629	202	14515	0.447	ng	100
32) Benzo(a)anthracene	21.375	228	10329	0.359	ng	99
33) Chrysene	21.429	228	12817	0.412	ng	99
34) Bis(2-ethylhexyl)phtha...	21.313	149	4530	0.398	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.080	276	13257	0.387	ng	98
37) Benzo(b)fluoranthene	23.010	252	10925	0.338	ng	# 86
38) Benzo(k)fluoranthene	23.054	252	11848	0.365	ng	# 84
39) Benzo(a)pyrene	23.613	252	10100	0.395	ng	# 80
40) Dibenzo(a,h)anthracene	26.098	278	9984	0.374	ng	# 88
41) Benzo(g,h,i)perylene	26.800	276	12646	0.450	ng	99

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

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