Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037791.D
Acq On : 18 Sep 2025 23:40
Operator : RC/JU
Sample : PB169692BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169692BS

Quant Time: Sep 19 04:12:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	6983	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	18103	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	7729	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	12277	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	10644	0.400	ng	0.00
35) Perylene-d12	23.739	264	10808	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	5108	0.319	ng	0.00
5) Phenol-d6	6.988	99	5999	0.289	ng	0.00
8) Nitrobenzene-d5	8.982	82	4664	0.352	ng	-0.01
11) 2-Methylnaphthalene-d10	12.228	152	7264	0.303	ng	-0.02
14) 2,4,6-Tribromophenol	15.982	330	683	0.339	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	11595	0.359	ng	-0.01
27) Fluoranthene-d10	19.262	212	9242	0.300	ng	0.00
31) Terphenyl-d14	19.861	244	6760	0.313	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	2203	0.303	ng	# 78
3) n-Nitrosodimethylamine	3.601	42	3019	0.318	ng	# 87
6) bis(2-Chloroethyl)ether	7.248	93	6388	0.344	ng	100
9) Naphthalene	10.680	128	16538	0.334	ng	99
10) Hexachlorobutadiene	10.989	225	3164	0.353	ng	# 97
12) 2-Methylnaphthalene	12.304	142	9026	0.295	ng	99
16) Acenaphthylene	14.206	152	12644	0.357	ng	99
17) Acenaphthene	14.548	154	7865	0.328	ng	98
18) Fluorene	15.535	166	8960	0.309	ng	98
20) 4,6-Dinitro-2-methylph...	15.609	198	325	0.286	ng	# 83
21) 4-Bromophenyl-phenylether	16.429	248	2787	0.348	ng	# 93
22) Hexachlorobenzene	16.540	284	3452	0.375	ng	97
23) Atrazine	16.689	200	1725	0.339	ng	# 94
24) Pentachlorophenol	16.888	266	1262	0.472	ng	98
25) Phenanthrene	17.273	178	13331	0.345	ng	100
26) Anthracene	17.360	178	11823	0.345	ng	99
28) Fluoranthene	19.294	202	13219	0.312	ng	99
30) Pyrene	19.652	202	13196	0.317	ng	100
32) Benzo(a)anthracene	21.393	228	13045	0.351	ng	99
33) Chrysene	21.447	228	13977	0.351	ng	98
34) Bis(2-ethylhexyl)phtha...	21.331	149	3840	0.349	ng	99
36) Indeno(1,2,3-cd)pyrene	26.121	276	18272	0.402	ng	98
37) Benzo(b)fluoranthene	23.034	252	15074	0.354	ng	# 95
38) Benzo(k)fluoranthene	23.081	252	15430	0.356	ng	# 95
39) Benzo(a)pyrene	23.636	252	13066	0.383	ng	# 93
40) Dibenzo(a,h)anthracene	26.142	278	14014	0.387	ng	98
41) Benzo(g,h,i)perylene	26.846	276	15625	0.384	ng	98

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

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