Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
Data File : BN038038.D
Acq On : 07 Oct 2025 09:11
Operator : RC/JU
Sample : PB169904BSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169904BSD

Quant Time: Oct 07 10:39:22 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	7.804	152	9176	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	24837	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	12022	0.400	ng	-0.02
19) Phenanthrene-d10	17.210	188	21952	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	11724	0.400	ng	0.00
35) Perylene-d12	23.709	264	9473	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	7012	0.335	ng	0.00
5) Phenol-d6	6.959	99	8659	0.315	ng	-0.01
8) Nitrobenzene-d5	8.950	82	7548	0.398	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	11018	0.319	ng	-0.02
14) 2,4,6-Tribromophenol	15.944	330	1160	0.254	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	18030	0.366	ng	-0.02
27) Fluoranthene-d10	19.238	212	15684	0.284	ng	-0.01
31) Terphenyl-d14	19.838	244	11981	0.513	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	2987	0.321	ng	# 66
3) n-Nitrosodimethylamine	3.593	42	4347	0.351	ng	# 90
6) bis(2-Chloroethyl)ether	7.219	93	8835	0.346	ng	97
9) Naphthalene	10.648	128	23095	0.338	ng	100
10) Hexachlorobutadiene	10.946	225	4175	0.358	ng	# 99
12) 2-Methylnaphthalene	12.273	142	13049	0.292	ng	98
16) Acenaphthylene	14.174	152	20187	0.370	ng	99
17) Acenaphthene	14.516	154	12518	0.322	ng	98
18) Fluorene	15.510	166	14578	0.310	ng	98
20) 4,6-Dinitro-2-methylph...	15.584	198	600	0.283	ng	# 63
21) 4-Bromophenyl-phenylether	16.404	248	4968	0.347	ng	# 85
22) Hexachlorobenzene	16.515	284	6169	0.356	ng	98
23) Atrazine	16.664	200	3032	0.278	ng	# 91
24) Pentachlorophenol	16.863	266	2342	0.394	ng	97
25) Phenanthrene	17.248	178	24612	0.341	ng	100
26) Anthracene	17.335	178	21292	0.340	ng	100
28) Fluoranthene	19.271	202	21690	0.273	ng	99
30) Pyrene	19.629	202	21147	0.457	ng	100
32) Benzo(a)anthracene	21.375	228	14611	0.357	ng	99
33) Chrysene	21.429	228	15951	0.360	ng	99
34) Bis(2-ethylhexyl)phtha...	21.313	149	4629	0.286	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.074	276	17647	0.408	ng	98
37) Benzo(b)fluoranthene	23.008	252	14576	0.357	ng	# 92
38) Benzo(k)fluoranthene	23.054	252	14328	0.349	ng	# 91
39) Benzo(a)pyrene	23.607	252	12131	0.375	ng	# 89
40) Dibenzo(a,h)anthracene	26.092	278	13828	0.409	ng	96
41) Benzo(g,h,i)perylene	26.794	276	15498	0.436	ng	97

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

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