Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
Data File : BN038069.D
Acq On : 13 Oct 2025 15:35
Operator : RC/JU
Sample : PB169992BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169992BSD

Quant Time: Oct 13 16:16:15 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	7.797	152	7306	0.400	ng	-0.03
7) Naphthalene-d8	10.594	136	19813	0.400	ng	#-0.03
13) Acenaphthene-d10	14.452	164	9467	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	15168	0.400	ng	#-0.02
29) Chrysene-d12	21.393	240	9943	0.400	ng	0.00
35) Perylene-d12	23.712	264	8435	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	5761	0.346	ng	-0.01
5) Phenol-d6	6.959	99	6126	0.280	ng	-0.01
8) Nitrobenzene-d5	8.950	82	5343	0.354	ng	-0.02
11) 2-Methylnaphthalene-d10	12.192	152	9365	0.340	ng	-0.03
14) 2,4,6-Tribromophenol	15.945	330	882	0.246	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	15099	0.390	ng	-0.02
27) Fluoranthene-d10	19.239	212	12032	0.315	ng	-0.01
31) Terphenyl-d14	19.838	244	9677	0.489	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	2679	0.361	ng	# 42
3) n-Nitrosodimethylamine	3.586	42	3716	0.377	ng	99
6) bis(2-Chloroethyl)ether	7.219	93	7250	0.357	ng	98
9) Naphthalene	10.648	128	19510	0.357	ng	100
10) Hexachlorobutadiene	10.947	225	3618	0.389	ng	# 99
12) 2-Methylnaphthalene	12.268	142	10655	0.299	ng	100
16) Acenaphthylene	14.174	152	16001	0.372	ng	100
17) Acenaphthene	14.516	154	10104	0.330	ng	98
18) Fluorene	15.499	166	10756	0.290	ng	98
20) 4,6-Dinitro-2-methylph...	15.585	198	440	0.296	ng	# 16
21) 4-Bromophenyl-phenylether	16.404	248	3541	0.358	ng	# 86
22) Hexachlorobenzene	16.515	284	4644	0.388	ng	98
23) Atrazine	16.664	200	2175	0.289	ng	# 93
24) Pentachlorophenol	16.863	266	1517	0.369	ng	99
25) Phenanthrene	17.248	178	17041	0.341	ng	99
26) Anthracene	17.335	178	14917	0.344	ng	99
28) Fluoranthene	19.266	202	16779	0.305	ng	100
30) Pyrene	19.629	202	17713	0.451	ng	100
32) Benzo(a)anthracene	21.375	228	12627	0.363	ng	99
33) Chrysene	21.429	228	14417	0.384	ng	100
34) Bis(2-ethylhexyl)phtha...	21.313	149	6482	0.472	ng	98
36) Indeno(1,2,3-cd)pyrene	26.080	276	15155	0.393	ng	98
37) Benzo(b)fluoranthene	23.011	252	12599	0.346	ng	# 87
38) Benzo(k)fluoranthene	23.057	252	13662	0.373	ng	# 88
39) Benzo(a)pyrene	23.613	252	11196	0.389	ng	# 82
40) Dibenzo(a,h)anthracene	26.101	278	11246	0.374	ng	# 90
41) Benzo(g,h,i)perylene	26.803	276	13512	0.427	ng	98

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

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