Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
Data File : BN038068.D
Acq On : 13 Oct 2025 14:59
Operator : RC/JU
Sample : PB169992BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169992BS

Quant Time: Oct 13 15:40:38 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	7409	0.400	ng	-0.03
7) Naphthalene-d8	10.594	136	19910	0.400	ng	#-0.03
13) Acenaphthene-d10	14.452	164	9443	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	15374	0.400	ng	#-0.02
29) Chrysene-d12	21.393	240	10279	0.400	ng	0.00
35) Perylene-d12	23.715	264	8827	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	5961	0.353	ng	-0.01
5) Phenol-d6	6.959	99	6288	0.283	ng	-0.01
8) Nitrobenzene-d5	8.950	82	5527	0.364	ng	-0.02
11) 2-Methylnaphthalene-d10	12.192	152	9602	0.347	ng	-0.03
14) 2,4,6-Tribromophenol	15.944	330	966	0.270	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	16125	0.417	ng	-0.02
27) Fluoranthene-d10	19.239	212	12729	0.329	ng	-0.01
31) Terphenyl-d14	19.838	244	10190	0.498	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	2687	0.357	ng	# 34
3) n-Nitrosodimethylamine	3.586	42	4100	0.410	ng	# 88
6) bis(2-Chloroethyl)ether	7.219	93	7454	0.361	ng	99
9) Naphthalene	10.648	128	20118	0.367	ng	99
10) Hexachlorobutadiene	10.947	225	3621	0.387	ng	# 99
12) 2-Methylnaphthalene	12.268	142	11184	0.312	ng	100
16) Acenaphthylene	14.174	152	16419	0.383	ng	99
17) Acenaphthene	14.516	154	10397	0.340	ng	99
18) Fluorene	15.499	166	11171	0.302	ng	98
20) 4,6-Dinitro-2-methylph...	15.584	198	499	0.322	ng	# 26
21) 4-Bromophenyl-phenylether	16.391	248	3624	0.362	ng	# 81
22) Hexachlorobenzene	16.515	284	4807	0.396	ng	100
23) Atrazine	16.664	200	2306	0.302	ng	# 93
24) Pentachlorophenol	16.863	266	1642	0.394	ng	99
25) Phenanthrene	17.248	178	17914	0.354	ng	99
26) Anthracene	17.335	178	15906	0.362	ng	100
28) Fluoranthene	19.266	202	17770	0.319	ng	99
30) Pyrene	19.629	202	18849	0.464	ng	100
32) Benzo(a)anthracene	21.375	228	13630	0.379	ng	100
33) Chrysene	21.429	228	15524	0.400	ng	99
34) Bis(2-ethylhexyl)phtha...	21.313	149	7368	0.518	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.080	276	15415	0.382	ng	99
37) Benzo(b)fluoranthene	23.010	252	13653	0.359	ng	# 87
38) Benzo(k)fluoranthene	23.057	252	14450	0.377	ng	# 88
39) Benzo(a)pyrene	23.613	252	11982	0.398	ng	# 84
40) Dibenzo(a,h)anthracene	26.101	278	11626	0.369	ng	# 90
41) Benzo(g,h,i)perylene	26.802	276	13797	0.417	ng	98

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

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