Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070925\
Data File : BN037450.D
Acq On : 09 Jul 2025 21:52
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN070925

Quant Time: Jul 10 02:30:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 10 00:48:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	2547	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	6497	0.400	ng	# 0.00
13) Acenaphthene-d10	14.366	164	3185	0.400	ng	# 0.00
19) Phenanthrene-d10	17.099	188	5544	0.400	ng	#-0.01
29) Chrysene-d12	21.286	240	4297	0.400	ng	# 0.00
35) Perylene-d12	23.528	264	4018	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	2332	0.340	ng	0.00
5) Phenol-d6	6.894	99	2886	0.342	ng	0.00
8) Nitrobenzene-d5	8.875	82	1789	0.409	ng	0.00
11) 2-Methylnaphthalene-d10	12.111	152	3336	0.368	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	380	0.292	ng	-0.01
15) 2-Fluorobiphenyl	12.993	172	7196	0.410	ng	0.00
27) Fluoranthene-d10	19.136	212	5367	0.377	ng	0.00
31) Terphenyl-d14	19.740	244	3740	0.413	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	1053	0.427	ng	# 86
3) n-Nitrosodimethylamine	3.557	42	1094	0.376	ng	# 67
6) bis(2-Chloroethyl)ether	7.161	93	2639	0.391	ng	92
9) Naphthalene	10.562	128	6623	0.380	ng	99
10) Hexachlorobutadiene	10.872	225	1423	0.401	ng	# 100
12) 2-Methylnaphthalene	12.182	142	3784	0.337	ng	97
16) Acenaphthylene	14.077	152	6126	0.409	ng	100
17) Acenaphthene	14.430	154	3673	0.382	ng	# 92
18) Fluorene	15.414	166	4624	0.383	ng	94
20) 4,6-Dinitro-2-methylph...	15.478	198	168	0.382	ng	# 62
21) 4-Bromophenyl-phenylether	16.304	248	1352	0.375	ng	# 82
22) Hexachlorobenzene	16.416	284	1769	0.404	ng	# 89
23) Atrazine	16.577	200	693	0.362	ng	96
24) Pentachlorophenol	16.751	266	576	0.305	ng	96
25) Phenanthrene	17.148	178	6471	0.387	ng	99
26) Anthracene	17.235	178	6158	0.392	ng	98
28) Fluoranthene	19.164	202	6949	0.371	ng	100
30) Pyrene	19.526	202	6825	0.387	ng	99
32) Benzo(a)anthracene	21.268	228	5708	0.374	ng	99
33) Chrysene	21.322	228	6019	0.385	ng	98
34) Bis(2-ethylhexyl)phtha...	21.232	149	1397	0.412	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.803	276	5733	0.381	ng	97
37) Benzo(b)fluoranthene	22.855	252	5413	0.370	ng	97
38) Benzo(k)fluoranthene	22.899	252	5626	0.382	ng	98
39) Benzo(a)pyrene	23.429	252	4772	0.392	ng	99
40) Dibenzo(a,h)anthracene	25.823	278	4571	0.378	ng	97
41) Benzo(g,h,i)perylene	26.490	276	4786	0.368	ng	98

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

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