Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070925\
Data File : BN037443.D
Acq On : 09 Jul 2025 17:36
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Jul 10 00:27:46 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 00:27:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.739	152	3016	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	7866	0.400	ng		# 0.00
13) Acenaphthene-d10	14.366	164	4080	0.400	ng		# 0.00
19) Phenanthrene-d10	17.099	188	7362	0.400	ng		#-0.01
29) Chrysene-d12	21.295	240	5903	0.400	ng		# 0.00
35) Perylene-d12	23.534	264	6458	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	875	0.169	ng		0.00
5) Phenol-d6	6.894	99	1075	0.145	ng		0.00
8) Nitrobenzene-d5	8.875	82	516	0.074	ng		0.00
11) 2-Methylnaphthalene-d10	12.111	152	1062	0.104	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	171	0.254	ng		-0.01
15) 2-Fluorobiphenyl	12.993	172	2288	0.098	ng		0.00
27) Fluoranthene-d10	19.136	212	1787	0.095	ng		0.00
31) Terphenyl-d14	19.745	244	1233	0.097	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.161	93	835	0.110	ng		91
9) Naphthalene	10.562	128	2139	0.097	ng	#	91
10) Hexachlorobutadiene	10.872	225	424	0.096	ng	#	100
12) 2-Methylnaphthalene	12.182	142	1349	0.101	ng		97
16) Acenaphthylene	14.077	152	1907	0.092	ng		99
17) Acenaphthene	14.430	154	1206	0.091	ng		93
18) Fluorene	15.414	166	1496	0.089	ng		96
21) 4-Bromophenyl-phenylether	16.304	248	477	0.100	ng	#	80
22) Hexachlorobenzene	16.416	284	577	0.097	ng	#	89
23) Atrazine	16.578	200	223	0.169	ng	#	89
25) Phenanthrene	17.148	178	2163	0.088	ng		98
26) Anthracene	17.235	178	2041	0.093	ng		99
28) Fluoranthene	19.169	202	2379	0.090	ng		99
30) Pyrene	19.527	202	2438	0.091	ng		99
32) Benzo(a)anthracene	21.277	228	2122	0.103	ng		98
33) Chrysene	21.331	228	2075	0.092	ng		97
36) Indeno(1,2,3-cd)pyrene	25.811	276	2240	0.091	ng		97
37) Benzo(b)fluoranthene	22.861	252	2210	0.081	ng	#	87
38) Benzo(k)fluoranthene	22.908	252	2131	0.077	ng	#	85
39) Benzo(a)pyrene	23.440	252	1790	0.086	ng	#	84
40) Dibenzo(a,h)anthracene	25.835	278	1782	0.098	ng	#	89
41) Benzo(g,h,i)perylene	26.498	276	1973	0.091	ng	#	91

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

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