Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037359.D
Acq On : 20 Jun 2025 20:27
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Jun 20 23:28:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:25:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.568	152	3043	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	6418	0.400	ng	#	0.00
13) Acenaphthene-d10	14.213	164	4465	0.400	ng		0.00
19) Phenanthrene-d10	16.959	188	9254	0.400	ng	#	-0.01
29) Chrysene-d12	21.162	240	8543	0.400	ng		0.00
35) Perylene-d12	23.354	264	7704	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	29312	5.270	ng		0.00
5) Phenol-d6	6.744	99	34073	6.190	ng		0.00
8) Nitrobenzene-d5	8.707	82	28934	5.432	ng		-0.01
11) 2-Methylnaphthalene-d10	11.940	152	54112	5.210	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	13707	4.292	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	99254	5.067	ng		0.00
27) Fluoranthene-d10	19.003	212	133941	4.649	ng		0.00
31) Terphenyl-d14	19.611	244	98354	5.042	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.097	88	13159	4.896	ng		90
3) n-Nitrosodimethylamine	3.408	42	12840	4.103	ng	#	68
6) bis(2-Chloroethyl)ether	6.997	93	30083	6.246	ng		97
9) Naphthalene	10.394	128	85311	5.128	ng	#	86
10) Hexachlorobutadiene	10.682	225	30147	3.708	ng	#	99
12) 2-Methylnaphthalene	12.011	142	63177	5.400	ng	#	91
16) Acenaphthylene	13.935	152	99681	5.319	ng		98
17) Acenaphthene	14.277	154	64734	5.211	ng		98
18) Fluorene	15.271	166	92629	5.260	ng		99
20) 4,6-Dinitro-2-methylph...	15.357	198	13168	4.707	ng	#	44
21) 4-Bromophenyl-phenylether	16.165	248	34583	4.578	ng		94
22) Hexachlorobenzene	16.276	284	33797	4.288	ng		98
23) Atrazine	16.438	200	27492	4.648	ng	#	81
24) Pentachlorophenol	16.624	266	19702	4.555	ng		97
25) Phenanthrene	17.009	178	141308	5.404	ng		99
26) Anthracene	17.095	178	135503	5.549	ng		99
28) Fluoranthene	19.035	202	175639	4.910	ng	#	98
30) Pyrene	19.398	202	175487	5.364	ng		99
32) Benzo(a)anthracene	21.153	228	152551	5.534	ng		97
33) Chrysene	21.206	228	159633	4.566	ng		96
34) Bis(2-ethylhexyl)phtha...	21.099	149	59151	5.235	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.535	276	178739	5.473	ng	#	89
37) Benzo(b)fluoranthene	22.699	252	152855	5.595	ng	#	83
38) Benzo(k)fluoranthene	22.740	252	162397	5.473	ng	#	83
39) Benzo(a)pyrene	23.254	252	134379	5.375	ng	#	76
40) Dibenzo(a,h)anthracene	25.549	278	142364	5.474	ng	#	74
41) Benzo(g,h,i)perylene	26.199	276	153920	5.131	ng		92

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

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