Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051225\
Data File : BN036988.D
Acq On : 12 May 2025 17:19
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: May 12 17:54:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 12 17:44:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.618	152	2312	0.40	ng		0.00
7) Naphthalene-d8	10.404	136	5820	0.40	ng		0.00
13) Acenaphthene-d10	14.267	164	3482	0.40	ng		0.00
19) Phenanthrene-d10	17.009	188	6959	0.40	ng		0.00
29) Chrysene-d12	21.207	240	6980	0.40	ng	#	0.00
35) Perylene-d12	23.410	264	6250	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	28585	4.80	ng		0.00
5) Phenol-d6	6.795	99	37236	5.15	ng		0.00
8) Nitrobenzene-d5	8.771	82	32610	5.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.996	152	43107	5.27	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	8304	5.20	ng		0.00
15) 2-Fluorobiphenyl	12.889	172	81308	5.00	ng		0.00
27) Fluoranthene-d10	19.049	212	102164	5.40	ng		0.00
31) Terphenyl-d14	19.653	244	74610	4.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.141	88	13420	4.48	ng		97
3) n-Nitrosodimethylamine	3.451	42	27939	4.57	ng		95
6) bis(2-Chloroethyl)ether	7.048	93	33535	5.00	ng		98
9) Naphthalene	10.447	128	85610	5.06	ng		96
10) Hexachlorobutadiene	10.746	225	17281	4.76	ng	#	100
12) 2-Methylnaphthalene	12.072	142	58018	5.29	ng		98
16) Acenaphthylene	13.989	152	89963	5.29	ng		99
17) Acenaphthene	14.331	154	56812	5.08	ng		98
18) Fluorene	15.325	166	77200	5.15	ng		99
20) 4,6-Dinitro-2-methylph...	15.400	198	11403	6.41	ng	#	79
21) 4-Bromophenyl-phenylether	16.214	248	23346	5.17	ng		93
22) Hexachlorobenzene	16.326	284	23781	4.92	ng		99
23) Atrazine	16.487	200	21989	5.52	ng		92
24) Pentachlorophenol	16.674	266	15579	5.81	ng		97
25) Phenanthrene	17.058	178	118851	5.20	ng		99
26) Anthracene	17.145	178	115094	5.51	ng		100
28) Fluoranthene	19.082	202	147451	5.48	ng		98
30) Pyrene	19.444	202	150012	4.74	ng		100
32) Benzo(a)anthracene	21.189	228	136571	5.17	ng		99
33) Chrysene	21.242	228	139020	4.99	ng		98
34) Bis(2-ethylhexyl)phtha...	21.135	149	87281	5.37	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.620	276	135754	5.50	ng		96
37) Benzo(b)fluoranthene	22.752	252	135962	5.22	ng	#	89
38) Benzo(k)fluoranthene	22.793	252	134619	5.20	ng	#	89
39) Benzo(a)pyrene	23.313	252	115617	5.34	ng	#	83
40) Dibenzo(a,h)anthracene	25.634	278	106822	5.55	ng	#	90
41) Benzo(g,h,i)perylene	26.295	276	111955	5.25	ng		95

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

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